

Reviewed on 04/03/2017

Product identifier       Akepox 2010 Component B         Article number:       10816, 10823, 10824, 10827, 10598, 10615         Article number:       10816, 10823, 10824, 10827, 10598, 10615         Epoxy resin adhesive       Epoxy resin adhesive         Details of the supplier of the safety data sheet       Epoxy resin adhesive         Information department:       Laboratory         Product Safety View Department AKEMI chemisch technische Spezialfabrik GmbH       Tel. +49(0)911-642960         Emergency telephone number:       Product Safety Department AKEMI chemisch technische Spezialfabrik GmbH         Fast 49(0) ad regiter following office hours:       Product Safety View Department AKEMI chemisch technische Spezialfabrik GmbH         Fast 49(0) ad regiter following office hours:       Moday – Thursday from 07:30 a.m. to 16:30 p.m.         Fiday from 07:30 a.m. to 13:30 p.m.       Fiday from 07:30 a.m. to 16:30 p.m.         Fiday from 07:30 a.m. to 13:30 p.m.       Fiday from 07:30 a.m. to 16:30 p.m.         Fiday from 07:30 a.m. to 13:30 p.m.       Fiday from 07:30 a.m. to 16:30 p.m.         Fiday from 07:30 a.m. to 13:30 p.m.       Fiday from 07:30 a.m. to 16:30 p.m.         Wita 2       H31 Suspected of causing genetic defects.         Repr. 2       H31 Suspected of causing tertility or the unborn child.         Stor TR E 2       H373 May cause damaging tertility or the unborn child.         <	1 Identification		
<ul> <li>Article number: Application of the substance / the mixture         <ul> <li>Article number: Article number: Article number: Manufacturer/Supplier: Manufacturer/Supplier: Manufacturer/Supplier: Manufacturer/Supplier: Manufacturer/Supplier: Article number: Information department: Laboratory Emergency telephone number: Laboratory Product Safety Department AKEMI chemisch technische Spezialfabrik GmbH Tel. +49(0)911-642960 Fax. +49(0)911-642960</li></ul></li></ul>		Akepox 2010 Component B	
mixture       Epoxy resin adhesive         • Details of the supplier of the safety data sheet       Manufacture/Supplier:       AkEMI chemisch technische Spezialfabrik GmbH       Tel. +49(0)911-642960         • Information department:       Laboratory       Fax. +49(0)911-642960         • Emergency telephone number:       Product Safety Department AKEMI chemisch technische Spezialfabrik GmbH       Tel. +49(0)911-642960         • Emergency telephone number:       Product Safety Department AKEMI chemisch technische Spezialfabrik GmbH       Tel. +49(0)911-64296.93         • Attacatory       Reachable during the following office hours:       Monday – Thursday from 07:30 a.m. to 16:30 p.m.         • Classification of the substance or mixture       •       •         • Otasification of the substance or mixture       •       •         • Otasification of the substance or mixture       •       •         • Otasification of the substance or mixture       •       •         • Otasification of the substance or mixture       •       •         • Otasification of the substance or mixture       •       •         • Otasification of the substance or genetic defects.       •       •         Rep. 2       H361 Suspected of causing genetic defects.       •       •         Rep. 2       H373 May cause am allergic skin reaction.       •       •			
• Manufacturer/Supplier:       AKEMI chemisch technische Spezialfabrik GmbH       Tel. +49(0)911-642960         • Information department:       D 90451 Nümberg       Fax. +49(0)911-642960         • Emergency telephone number:       Product Safety Department AKEMI chemisch technische Spezialfabrik GmbH       Tel. +49(0)911-64296-59         • Reachable during the following office hours:       Monday – Thursday from 07:30 a.m. to 16:30 p.m.       Fridaux 50 p.m.         • Classification of the substance or mixture       •       •       •         • GHS08 Health hazard       Muta. 2       H341 Suspected of causing genetic defects.       •         Repr. 2       H361 Suspected of damaging fertility or the unborn child.       STOT RE 2       H373 May cause damage to organs through prolonged or repeated exposure.         •       •       GHS05 Corrosion       Skin Sens. 1       H314 Causes severe skin burns and eye damage.         •       •       •       •       •       •         •       GHS05 GHS07       Acute Tox. 4       H302 Harmful if swallowed.       •         •       GHS05 GHS07       GHS08       •       •         •       GHS05 GHS07       GHS08       •       •         •       GHS05 GHS07       GHS08       •       •         •       Hazard pictograms       •		Epoxy resin adhesive	
<ul> <li>Emergency telephone number: Product Safety Department AKEM chemisch technische Spezialfabrik GmbH Tel. +49(0)611-64296-59 Reachable during the following office hours: Monday – Thursday from 07:30 a.m. to 16:30 p.m. Friday from 07:30 a.m. to 13:30 p.m.</li> <li><b>2 Hazard(s) identification</b></li> <li><b>Classification of the substance or mixture</b></li> <li>GHS08 Health hazard</li> <li>Muta. 2 H341 Suspected of causing genetic defects. Repr. 2 H361 Suspected of damaging fertility or the unborn child.</li> <li>STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.</li> <li>GHS05 Corrosion</li> <li>Skin Corr. 1B H314 Causes severe skin burns and eye damage. Eye Dam. 1 H318 Causes serious eye damage.</li> <li>GHS07</li> <li>Acute Tox. 4 H302 Harmful if swallowed.</li> <li>Skin Sens. 1 H317 May cause an allergic skin reaction.</li> <li><b>Label elements</b></li> <li>Hazard pictograms</li> <li>Signal word</li> <li>Signal word</li> <li>Bager</li> <li>Hazard determining components of labeling:</li> <li>3-aminomethyl-3,5,5-trimethylcyclohexylamine nonylphenol Benzyl alcohol Benzyl alcohol Benzyl alcohol Benzyl alcohol Benzyl alcohol Benzyl alcohol Benzyl alcohol</li> <li>Hazard statements</li> <li>Hazard statements</li> </ul>	<ul> <li>Details of the supplier of the saf</li> <li>Manufacturer/Supplier:</li> </ul>	AKEMI chemisch technische Spezialfabrik GmbH Lechstrasse 28	Fax. +49(0)911-644456
• Classification of the substance or mixture         • • • • • • • • • • • • • • • • • • •		Product Safety Department AKEMI chemisch technisc Tel. +49(0)911-64296-59 Reachable during the following office hours: Monday – Thursday from 07:30 a.m. to 16:30 p.m.	he Spezialfabrik GmbH
Wita. 2       H341       Suspected of causing genetic defects.         Repr. 2       H361       Suspected of damaging fertility or the unborn child.         STOT RE 2       H373       May cause damage to organs through prolonged or repeated exposure.         Image: String Corr. 18       H314       Causes severe skin burns and eye damage.         Eye Dam. 1       H318       Causes severe skin burns and eye damage.         Image: String Corr. 18       H314       Causes severe skin burns and eye damage.         Image: String Corr. 18       H314       Causes severe skin burns and eye damage.         Image: String Corr. 18       H314       Causes severe skin burns and eye damage.         Image: String Corr. 18       H314       Causes severe skin burns and eye damage.         Image: String Corr. 18       H314       Causes severe skin burns and eye damage.         Image: String Corr. 18       H314       Causes an allergic skin reaction.         Image: String Corr. 18       H317       May cause an allergic skin reaction.         Image: String Corr. 18       H317       May cause an allergic skin reaction.         Image: String Corr. 18       Hazard pictograms       The product is classified and labeled according to the Globally Harmonized System (GHS).         Hazard pictograms       GHS05       GHS07       GHS08         Signal word<	2 Hazard(s) identification		
Muta. 2       H341       Suspected of causing genetic defects.         Repr. 2       H361       Suspected of damaging fertility or the unborn child.         STOT RE 2       H373       May cause damage to organs through prolonged or repeated exposure.         Image: String Control (String)       GHS05       Corrosion         Skin Corr. 1B       H314       Causes servere skin burns and eye damage.         Image: String Control (String)       GHS07         Acute Tox. 4       H302       Harmful if swallowed.         Skin Sens. 1       H317       May cause an allergic skin reaction.         •       Label elements       The product is classified and labeled according to the Globally Harmonized System (GHS).         •       Hazard pictograms       Danger         •       Hazard-determining components of labeling:       3-aminomethyl-3,5,5-trimethylcyclohexylamine nonylphenol Formaldehyde, polymer with 1,3-phenylenebis(methylamine) and phenol Benzyl alcohol m-phenylenebis(methylamine)         •       Hazard statements       H322         •       Hazard statements       H322	· Classification of the substance	or mixture	
Repr. 2       H361       Suspected of damaging fertility or the unborn child.         STOT RE 2       H373       May cause damage to organs through prolonged or repeated exposure.         Image: GHS05 Corrosion       Skin Corr. 1B       H314       Causes severe skin burns and eye damage.         Skin Corr. 1B       H314       Causes severe skin burns and eye damage.       Eye Dam. 1       H318       Causes serious eye damage.         Image: GHS07       Acute Tox. 4       H302       Harmful if swallowed.       Skin Sens. 1       H317       May cause an allergic skin reaction.         Image: Label elements       The product is classified and labeled according to the Globally Harmonized System (GHS).       Image: GHS05       GHS05       GHS07         Hazard pictograms       The product is classified and labeled according to the Globally Harmonized System (GHS).       Image: GHS05       GHS05       GHS07         Hazard pictograms       The product is classified and labeled according to the Globally Harmonized System (GHS).       Image: GHS05       GHS07       GHS08         Signal word       Danger       Danger       Image: GHS07       GHS08       Image: GHS07       Image: GHS07       GHS08         Hazard-determining components of labeling:       3-aminomethyl-3,5,5-trimethylcyclohexylamine nonylphenol Formaldehyde, polymer with 1,3-phenylenebis(methylamine) and phenol Benzyl clochol m-phenylenebis(methylamine) Aminosila	GHS08 Health hazard		
STOT RE 2       H373 May cause damage to organs through prolonged or repeated exposure.         Image: GHS05 Corrosion         Skin Corr. 1B       H314 Causes severe skin burns and eye damage.         Eye Dam. 1       H318 Causes serious eye damage.         Image: GHS07       GHS07         Acute Tox. 4       H302 Harmful if swallowed.         Skin Sens. 1       H317 May cause an allergic skin reaction.         Label elements       GHS label elements         GHS label elements       The product is classified and labeled according to the Globally Harmonized System (GHS).         Hazard pictograms       Image: GHS05 GHS07 GHS08         Signal word       Danger         Hazard-determining components of labeling:       3-aminomethyl-3,5,5-trimethylcyclohexylamine nonylphenol Formaldehyde, polymer with 1,3-phenylenebis(methylamine) and phenol Benzyl alcohol m-phenylenebis(methylamine)         Hazard statements       H322 Harmful if swallowed.	Muta. 2 H341 Suspected of	f causing genetic defects.	
GHS05 Corrosion         Skin Corr. 1B H314 Causes severe skin burns and eye damage.         Eye Dam. 1 H318 Causes serious eye damage.         Output         GHS07         Acute Tox. 4 H302 Harmful if swallowed.         Skin Sens. 1 H317 May cause an allergic skin reaction.         • Label elements         • GHS label elements         • GHS label elements         • Hazard pictograms         • Signal word         • Hazard-determining components of labeling:         3-arminomethyl-3,5,5-trimethylcyclohexylamine nonylphenol Formaldehyde, polymer with 1,3-phenylenebis(methylamine) and phenol Benzyl alcohol m-phenylenebis(methylamine)         Arminosilane         • Hazard statements	Repr. 2 H361 Suspected of	f damaging fertility or the unborn child.	
Skin Corr. 1B H314 Causes severe skin burns and eye damage.         Eye Dam. 1       H318 Causes serious eye damage.         Image: GHS07         Acute Tox. 4       H302 Harmful if swallowed.         Skin Sens. 1       H317 May cause an allergic skin reaction.         Image: Label elements       Image: CHS1 label elements         GHS label elements       The product is classified and labeled according to the Globally Harmonized System (GHS).         Hazard pictograms       Image: CHS05         Signal word       Danger         Hazard-determining components of labeling:       3-aminomethyl-3,5,5-trimethylcyclohexylamine nonylphenol Benzyl alcohol m-phenylenebis(methylamine) and phenol Benzyl alcohol Minimical System (GHS)         Hazard statements       H302 Harmful if swallowed.	STOT RE 2 H373 May cause d	amage to organs through prolonged or repeated exposu	Jre.
Eye Dam. 1       H318 Causes serious eye damage.         Image: Constraint of the system (GHS)       Acute Tox. 4       H302 Harmful if swallowed.         Skin Sens. 1       H317 May cause an allergic skin reaction.         Image: Label elements       GHS label elements         GHS label elements       The product is classified and labeled according to the Globally Harmonized System (GHS).         Hazard pictograms       Image: Constraint of GHS05         Signal word       Danger         Hazard-determining components of labeling:       3-aminomethyl-3,5,5-trimethylcyclohexylamine nonylphenol Formaldehyde, polymer with 1,3-phenylenebis(methylamine) and phenol Benzyl alcohol m-phenylenebis(methylamine) Aminosilane         Hazard statements       H302 Harmful if swallowed.	GHS05 Corrosion		
Acute Tox. 4       H302 Harmful if swallowed.         Skin Sens. 1       H317 May cause an allergic skin reaction.         •       Label elements         •       GHS label elements         •       Hazard pictograms         •       Hazard-determining components of labeling:         •       Hazard statements         •       Hazard statements	Skin Corr. 1B H314 Causes seve	re skin burns and eye damage.	
Acute Tox. 4       H302 Harmful if swallowed.         Skin Sens. 1       H317 May cause an allergic skin reaction.         •       Label elements         •       GHS label elements         •       Hazard pictograms         •       Hazard pictograms         •       Signal word         •       Hazard-determining components of labeling:         •       Hazard statements         •       Hazard statements		, .	
Skin Sens. 1       H317 May cause an allergic skin reaction.         ·       Label elements         ·       GHS label elements         ·       Hazard pictograms         ·       Hazard pictograms         ·       Hazard-determining components of labeling:         ·       Hazard statements         ·       Hazard statements	GHS07		
<ul> <li>Label elements</li> <li>GHS label elements</li> <li>Hazard pictograms</li> <li>Hazard pictograms</li> <li>Signal word</li> <li>Signal word</li> <li>Hazard-determining components of labeling:</li> <li>Hazard statements</li> <li>Hazard statements</li> </ul>	Acute Tox. 4 H302 Harmful if sw	allowed.	
• GHS label elements       The product is classified and labeled according to the Globally Harmonized System (GHS).         • Hazard pictograms       • Hazard pictograms         • Signal word       • GHS05         • Hazard-determining components of labeling:       • Danger         • Hazard-determining components of labeling:       3-aminomethyl-3,5,5-trimethylcyclohexylamine nonylphenol Formaldehyde, polymer with 1,3-phenylenebis(methylamine) and phenol Benzyl alcohol m-phenylenebis(methylamine) Aminosilane         • Hazard statements       Hazard statements	Skin Sens. 1 H317 May cause a	n allergic skin reaction.	
<ul> <li>Hazard pictograms</li> <li>Hazard pictograms</li> <li>GHS05 GHS07 GHS08</li> <li>Signal word</li> <li>Danger</li> <li>Hazard-determining components of labeling:</li> <li>A-aminomethyl-3,5,5-trimethylcyclohexylamine nonylphenol Formaldehyde, polymer with 1,3-phenylenebis(methylamine) and phenol Benzyl alcohol m-phenylenebis(methylamine) Aminosilane</li> <li>Hazard statements</li> <li>Hazard statements</li> </ul>			the Globally Harmonized
<ul> <li>Signal word</li> <li>Hazard-determining components of labeling:</li> <li>Hazard-determining components of labeling:</li> <li>3-aminomethyl-3,5,5-trimethylcyclohexylamine nonylphenol Formaldehyde, polymer with 1,3-phenylenebis(methylamine) and phenol Benzyl alcohol m-phenylenebis(methylamine) Aminosilane</li> <li>Hazard statements</li> <li>Danger</li> </ul>	· Hazard pictograms		
<ul> <li>Hazard-determining components of labeling:</li> <li>3-aminomethyl-3,5,5-trimethylcyclohexylamine nonylphenol</li> <li>Formaldehyde, polymer with 1,3-phenylenebis(methylamine) and phenol</li> <li>Benzyl alcohol</li> <li>m-phenylenebis(methylamine)</li> <li>Aminosilane</li> <li>Hazard statements</li> </ul>	Signal word		
of labeling:       3-aminomethyl-3,5,5-trimethylcyclohexylamine         nonylphenol       nonylphenol         Formaldehyde, polymer with 1,3-phenylenebis(methylamine) and phenol       Benzyl alcohol         m-phenylenebis(methylamine)       Aminosilane         Hazard statements       H302 Harmful if swallowed.		Danger	
<ul> <li>nonylphenol</li> <li>Formaldehyde, polymer with 1,3-phenylenebis(methylamine) and phenol</li> <li>Benzyl alcohol</li> <li>m-phenylenebis(methylamine)</li> <li>Aminosilane</li> <li>Hazard statements</li> <li>H302 Harmful if swallowed.</li> </ul>		3-aminomethyl-3,5,5-trimethylcyclohexylamine	
Aminosilane     Hazard statements     H302 Harmful if swallowed.	<u>u</u>	nonylphenol Formaldehyde, polymer with 1,3-phenylenebis(methyla Benzyl alcohol	amine) and phenol
	Hazard statements	H302 Harmful if swallowed.	(Contd. on page 2)

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H314 Causes severe skin burns and eye damage.       H317 May cause an allergic skin reaction.         H314 Suspected of causing genetic defects.       H316 Suspected of damaging fertility or the unborn child.         H317 May cause admage to organs through prolonged or repeated exposure.       P260         Precautionary statements       P260         Do not breathe vapours.       P280         Wear protection.       P303+P311 P315 If on skin (or hair): Take off immediately all contaminate clothing. Rinse skin with water/shower.         P305+P351+P315 If on skin (or hair): Take off immediately all contaminate clothing. Rinse cautiously with water for several minute Remove contact lenses, if present and easy to do. Continuming.         P303+P313       If skin irritation or rash occurs: Get medical advice/attention.         P301+P312       If SWALLOWED: Call a POISON CENTER/doctor if you fe unwell.         P405       Store locked up.         P501       Dispose of contents/container in accordance with loce regional/national/international regulations.         Classification system:       NFPA ratings (scale 0 - 4)         HMIS-ratings (scale 0 - 4)       Health = "3         Reactivity = 0       Reactivity = 0         Other hazards       Reactivity = 0         Rescuts of PBT and vPvB assessment       Fre = 1         Rescuts of PBT and vPvB assessment       Mixture of the substances listed below with nonhazardous additions.			(Co	ontd. of page
H341 Suspected of damaging fertility or the unborn child.         H3461 Suspected of damaging fertility or the unborn child.         H373 May cause damage to organs through prolonged or repeated exposure.         P260       Do not breathe vapours.         P280       Wear protective gloves/protective clothing/eye protection/fac protection.         P303+P3531 F on skin (or hair): Take off immediately all contaminate clothing. Rinse skin with water/shower.         P305+P351+P3381 F in eyes: Rinse cautiously with water for several minute Remove contact lenses, if present and easy to do. Continu- rinsing.         P333+P313       If skin iritation or rash occurs: Get medical advice/attention.         P301+P312       IF SWALLOWED: Call a POISON CENTER/doctor if you fe unwell.         P405       Store locked up.         P501       Dispose of contents/container in accordance with loca regional/national/international regulations.         MIS-ratings (scale 0 - 4)       Health = 3 Fire = 1 Reactivity = 0         HMIS-ratings (scale 0 - 4)       Health = "3 Fire = 1 Reactivity = 0         Other hazards Results of PBT and vPvB assessment PBT: vPvB:       Not applicable. vPvB:         Composition/information on ingredients       Mixture of the substances listed below with nonhazardous additions.         Dangerous components: CAS: 252-13-2       3-aminomethyl-3,5,5-trimethylcyclohexylamine Acuter tox. 4, H32; Kuin Sens. 1, H317         CAS: 257214-10-5 NLP: S00-137-0       Skin Cor		H314 Causes s		1.3.
H361 Suspected of damaging fertility or the unborn child.         Precautionary statements       H373 May cause damage to grans through prolonged or repeated exposure.         P260       Do not breathe vapours.         P280       Wear protection.         P303+P353 If on skin (or hair): Take off immediately all contaminate cothing. Inse skin with water/shower.       P303+P313         P303+P313       If skin irritation or rash occurs: Get medical advice/attention.         P333+P313       If skin irritation or rash occurs: Get medical advice/attention.         P333+P313       If skin irritation or rash occurs: Get medical advice/attention.         P333+P313       If skin irritation or rash occurs: Get medical advice/attention.         P305+P351+P338 (fine yeas: Rinse cautiously with water for several minute Remove contact lenses, if present and easy to do. Continu rinsing.         P333+P313       If skin irritation or rash occurs: Get medical advice/attention.         P305       Dispose of contents/container in accordance with loca regional/national/international regulations.         Classification system:       Health = 3         NFPA ratings (scale 0 - 4)       Health = "3         Health = "1"       Reactivity = 0         Other hazards       Reactivity = 0         Rescurs of PBT and vPvB assessment       Bescription:         Dangerous components:       Mixture of the substances listed below with nonhazardo		H317 May caus	se an allergic skin reaction.	
H373 May cause damage to organs through prolonged or repeated exposure.         Precautionary statements         Precautionary statements         P280       Wear protective gloves/protective clothing/eye protection/flac protection.         P303+P361+P353 If on skin (or hair): Take off immediately all contaminate clothing. Rinse skin with water for several minute Remove contact lenses, if present and easy to do. Contin. rinsing.         P333+P313       If skin irritation or rash occurs: Get medical advice/attention.         P303+P312       IF SWALLOWED: Cail a POISON CENTER/doctor if you fe unwell.         P405       Store locked up.         P501       Dispose of contents/container in accordance with loce regional/national/international regulations.         Classification system:       Health = 3 Fire = 1 Reactivity = 0         HMIS-ratings (scale 0 - 4)       Health = '''         HMIS of PBT and vPvB assessment PBT:       Not applicable.         VPVB:       Not applicable.         OAS: 2855-13-2       3-aminomethyl-3,5,5-trimethylcyclohexylamine Accur. 4, H312; Skin Sens. 1, H317         CAS: 2855-13-2       3-aminomethyl-3,5,5-trimethylcyclohexylamine Accur. 4, H312; Skin Sens. 1, H317         CAS: 2855-13-2       Saminomethyl-3,5,5-trimethylcyclohexylamine Accur. 4, H312; Skin Sens. 1, H317         CAS: 2855-13-2       Saminomethyl-3,5,5-trimethylcyclohexylamine Accur. 4, H312; Skin Sens. 1, H317         CAS: 205-07.0-9				
Precautionary statements       P260       Do not breathe vapours.         P280       Wear protective gloves/protective clothing/eye protection/fac protection.         P303+P361+P353 If on skin (or hair): Take off immediately all contaminate clothing. Rinse skin with water/shower.         P305+P351+P338 If in eyes: Rinse cautiously with water for several minute clothing. Rinse skin with water/shower.         P305+P351+P313       If skin irritation or rash occurs: Get medical advice/attention. P301+P312         P405       Store locked up. P501         P305       Store locked up. P501         P405       Store locked up. P501         P501       Dispose of contents/container in accordance with loca regional/national/international regulations.         Readtrity = 0       Health = 3         Fire = 1       Reactivity = 0         HMIS-ratings (scale 0 - 4)       Health = "3         Fire = 1       Reactivity = 0         HMIS-ratings (scale 0 - 4)       Health = "3         Fire = 1       Reactivity = 0         Composition/information on ingredients       Mature of the substances listed below with nonhazardous additions.         Dangerous components:       Mature of the substances lis				
P280       Wear protective gloves/protective clothing/eye protection/fac protection.         P303+P361+P353 If on skin (or hair): Take off immediately all contaminate clothing. Rinse skin with water/shower.         P305+P351+P338 If in eyes: Rinse cautiously with water for several minute Remove contact lenses, if present and easy to do. Continu- rinsing.         P333+P313       If skin irritation or rash occurs: Get medical advice/attention.         P301+P312       IF SWALLOWED: Call a POISON CENTER/doctor if you fe unwell.         P405       Store locked up.         P501       Dispose of contents/container in accordance with loca regional/national/international regulations.         Reactivity = 0       Health = 3 Fire = 1 Reactivity = 0         HMIS-ratings (scale 0 - 4)       Health = 3 Fire = 1 Reactivity = 0         HMIS-ratings (scale 0 - 4)       Health = 3 Fire = 1 Reactivity = 0         HMIS-ratings (scale 0 - 4)       Health = 3 Fire = 1 Reactivity = 0         Mixture 0 the substances listed below with nonhazardous additions.       Dangerous components:         Composition/information on ingredients       Mixture of the substances listed below with nonhazardous additions.         Dangerous components:       Skin Corr. 1B, H314; Eye Dam. 1, H318       25-50%         CAS: 120-51-6       Benzyl alcohol       Skin Corr. 14, H302; Acute Tox. 4, H332       25-50%         Pincers 1, H317       CAs: 100-51-6       Benzyl alcohol				xposure.
Protection.       P303+P361+P353 If on skin (or hair): Take off immediately all contaminate clothing. Rinse skin with water/shower.         P303+P361+P353 If on skin (or hair): Take off immediately all contaminate clothing. Rinse skin with water for several minute Remove contact lenses, if present and easy to do. Continu finsing.         P303+P361+P353 If in eyes: Rinse cautiously with water for several minute Remove contact lenses, if present and easy to do. Continu finsing.         P303+P361 If skin irritation or rash occurs: Get medical advice/attention.         P303+P361 P313       If skin irritation or rash occurs: Get medical advice/attention.         P301+P312       If skin irritation or rash occurs: Get medical advice/attention.         P303+P361 P313       If skin irritation or rash occurs: Get medical advice/attention.         P301+P312       If skin irritation or rash occurs: Get medical advice/attention.         P301+P312       If skin irritation or rash occurs: Get medical advice/attention.         P405       Store locked up.         P501       Dispose of contents/container in accordance with loca regional/national/international regulations.         MHIS-ratings (scale 0 - 4)       Health = 3         Fire = 1       Reactivity = 0         Other hazards       Results of PBT and vPvB assessment         Results of PBT and vPvB assessment       Person         PBT:       Not applicable.         VPvB:       Not applicable.	Precautionary statements			
P303+P361+P353 if on skin (or hair): Take off immediately all contaminate clothing. Rinse skin with water/shower.         P305+P351+P338 if in eyes: Rinse cautiously with water for several minute Remove contact lenses, if present and easy to do. Continu rinsing.         P333+P313       If skin irritation or rash occurs: Get medical advice/attention. P301+P312         P405       Store locked up. P501         P501       Dispose of contents/container in accordance with loca regional/national/international regulations.         Classification system: NFPA ratings (scale 0 - 4)       Health = 3 Fire = 1 Reactivity = 0         HMIS-ratings (scale 0 - 4)       Health = "3 Fire = 1 Reactivity = 0         HMIS-ratings (scale 0 - 4)       Health = "3 Fire = 1 Reactivity = 0         Other hazards Results of PBT and vPvB assessment PBT: VFVB: Not applicable.       Not applicable. VFVB: Not applicable.         Composition/information on ingredients       Mixture of the substances listed below with nonhazardous additions.         Dangerous components: CAS: 2855-13-2 EINECS: 220-666-8 Index number: 612-067-00-9 Ok Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317       25-50% Skin Corr. 18, H314; Eye Dam. 1, H318 Ok Corr. 18, H314; Eye Dam. 1, H318       25-50% Skin Sens. 1, H317         CAS: 100-51-6 EINECS: 202-2859-9 Index number: 603-057-00-5 CAS: 1477-55-0 EINECS: 202-2859-9 Index number: 603-057-00-5 Skin Corr. 18, H314; Eye Dam. 1, H318       1-5%		P280		otection/fac
clothing. Rinse skin with water/shower.         P305+P351+P338 If in eyes: Rinse cautiously with water for several minute Remove contact lenses, if present and easy to do. Continu- rinsing.         P303+P311       If skin irritation or rash occurs: Get medical advice/attention minsing.         P333+P312       IF skin irritation or rash occurs: Get medical advice/attention minsing.         P405       Store locked up.         P501       Dispose of contents/container in accordance with loca regional/national/international regulations.         Classification system: NFPA ratings (scale 0 - 4)       Health = 3 Fire = 1 Reactivity = 0         HMIS-ratings (scale 0 - 4)       Health = '' Reactivity = 0         HMIS-ratings (scale 0 - 4)       Health = '' Reactivity = 0         HMIS-ratings (scale 0 - 4)       Health = '' Reactivity = 0         HMIS-ratings (scale 0 - 4)       Health = '' Reactivity = 0         MIXE regional/national/internatinternatinternational/international/international/intern		D000 - D004 - D(		nto min ot
P305+P351+P338 If in eyes: Rinse cautiously with water for several minute Remove contact lenses, if present and easy to do. Continu rinsing.         P333+P313       If skin irritation or rash occurs: Get medical advice/attention. P301+P312         P405       Store locked up. P501         Dispose of contents/container in accordance with loca regional/national/international regulations.         ReadEvity = 0         HMIS-ratings (scale 0 - 4)         HEALTH         HEALTH         HEALTH         Results of PBT and VPVB assessment PBT:         Not applicable.         VFVB:         Not applicable.         VFVB:         Not applicable.         VFVB:         Not applicable.         CAS: 2855-13-2         EINECS: 220-666-8 Index number: 612-067-00-9         Skin Corr. 1B, H314; Eye Dam. 1, H318         Index number: 612-067-00-9         V.P: Solo-137-0         Skin Corr. 1B, H314; Eye Dam. 1, H318         Index number: 612-067-00-9         VAcute Tox. 4, H302; Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317         CAS: 2855-13-2         Benzyl alcohol         EINECS: 202-859-9 Index number: 603-057-00-5         CAS: 100-51-6         EINECS: 202-859-9 Index number: 603-057-00-5         CAS: 1177		P303+P301+P3		mammate
P333+P313       Remove contact lenses, if present and easy to do. Continurinsing.         P333+P313       If skin irritation or rash occurs: Get medical advice/attention.         P301+P312       IF SWALLOWED: Call a POISON CENTER/doctor if you feurowell.         P405       Store locked up.         P501       Dispose of contents/container in accordance with loca regional/national/international regulations.         Classification system:       Health = 3         NFPA ratings (scale 0 - 4)       Fire = 1         HMIS-ratings (scale 0 - 4)       Health = *3         Fire = 1       Reactivity = 0         HMIS-ratings (scale 0 - 4)       Health = *3         Fire = 1       Reactivity = 0         MMIS-ratings (scale 0 - 4)       Health = *3         Fire = 1       Reactivity = 0         Other hazards       Not applicable.         VPVB:       Not applicable.         VPVB:       Not applicable.         Composition/information on ingredients       Mixture of the substances listed below with nonhazardous additions.         Dangerous components:       CAS: 2855-13-2         EINECS: 220-666-8       Skin Corr. 1B, H314; Eye Dam. 1, H318         Index number: 612-067-00-9       Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317         CAS: 202-659-9       Formaldehyde, polymer with 1,3-phenylen		P305+P351+P'		al minute
P333+P313       If skin irritation or rash occurs: Get medical advice/attention.         P301+P312       If skin irritation or rash occurs: Get medical advice/attention.         P405       Store locked up.         P501       Dispose of contents/container in accordance with loca regional/national/international regulations.         Classification system:       NFPA ratings (scale 0 - 4)         NFPA ratings (scale 0 - 4)       Health = 3 Fire = 1 Reactivity = 0         HMIS-ratings (scale 0 - 4)       Health = 3 Fire = 1 Reactivity = 0         HMIS-ratings (scale 0 - 4)       Health = 3 Fire = 1 Reactivity = 0         Other hazards Results of PBT and vPvB assessment PBT:       Not applicable.         VPVB:       Not applicable.         VPVB:       Not applicable.         Dangerous components:       GAS: 285-13-2 CAS: 285-13-2         CAS: 285-13-2       3-aminomethyl-3,5,5-trimethylcyclohexylamine CAS: 57214-10-5 NLP: 500-137-0       Sin Corr. 1B, H314; Eye Dam. 1, H318 (Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317         CAS: 100-51-6 EINECS: 202-859-9 Index number: 603-057-00-5 CAS: 1477-55-0       Formaldehyde, polymer with 1,3-phenylenebis(methylamine) and phenol (Skin Corr. 1B, H314; Eye Dam. 1, H318         CAS: 100-51-6 EINECS: 202-859-9 Index number: 603-057-00-5       Matue Tox. 4, H302; Acute Tox. 4, H332       12.5-259         CAS: 100-51-6 EINECS: 202-859-9 Index number: 603-057-00-5       M-cute Tox. 4, H332; Acu		1 00011 00111 0		
P333+P313       If skin irritation or rash occurs: Get medical advice/attention.         P301+P312       IF SWALLOWED: Call a POISON CENTER/doctor if you fe unwell.         P405       Store locked up.         P501       Dispose of contents/container in accordance with loca regional/national/international regulations.         Classification system:       NFPA ratings (scale 0 - 4)         HEALTH       Store locked up.         PS01       P501         PRE       If skin intritation or rash occurs: Get medical advice/attention.         Versional/national/international/international regulations.       Classification system:         NFPA ratings (scale 0 - 4)       Health = 3         Fire = 1       Reactivity = 0         HMIS-ratings (scale 0 - 4)       Health = "3         Fire = 1       Reactivity = 0         Other hazards       Reactivity = 0         Results of PBT and vPvB assessment       Reactivity = 0         PBT:       Not applicable.         VPVB:       Not applicable.         Dangerous components:       Mixtures         CAS: 220-666-8       Skin Corr. 1B, H314; Eye Dam. 1, H318         Index number: 612-067-00-9       Skin Corr. 1B, H314; Eye Dam. 1, H318         CAS: 57214-10-5       Formaldehyde, polymer with 1.3-phenylenebis(methylamine) and phenol         <				0. 0011111
P405       Store locked up.         P501       Dispose of contents/container in accordance with loca regional/national/international regulations.         Classification system:       Health = 3         NFPA ratings (scale 0 - 4)       Fire = 1         HMIS-ratings (scale 0 - 4)       Health = *3         Fire = 1       Reactivity = 0         HMIS-ratings (scale 0 - 4)       Health = *3         Fire = 1       Reactivity = 0         Other hazards       Fire = 1         Results of PBT and vPvB assessment       PBT:         Not applicable.       Not applicable.         vPvB:       Not applicable.         Description:       Mixture of the substances listed below with nonhazardous additions.         Dangerous components:       Skin Corr. 1B, H314; Eye Dam. 1, H318         CAS: 2855-13-2       Saminomethyl-3,5,5-trimethylcyclohexylamine       25-50%         EINECS: 220-666-8       Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317       25-50%         CAS: 57214-10-5       Formaldehyde, polymer with 1,3-phenylenebis(methylamine) and phenol       25-50%         NLP: 500-137-0       Skin Corr. 1B, H314; Eye Dam. 1, H318       12.5-259         Index number: 612-067-00-9       Formaldehyde, polymer with 1,3-phenylenebis(methylamine) and phenol       25-50%         NLP: 500-137-0		P333+P313		attention.
P405       Store locked up.         P501       Dispose of contents/container in accordance with loca regional/national/international regulations.         Classification system:       Health = 3         NFPA ratings (scale 0 - 4)       Fire = 1         HMIS-ratings (scale 0 - 4)       Health = *3         Fire = 1       Reactivity = 0         HMIS-ratings (scale 0 - 4)       Health = *3         Fire = 1       Reactivity = 0         Other hazards       Fire = 1         Results of PBT and vPvB assessment       PBT:         Not applicable.       Not applicable.         vPvB:       Not applicable.         Description:       Mixture of the substances listed below with nonhazardous additions.         Dangerous components:       Skin Corr. 1B, H314; Eye Dam. 1, H318         CAS: 2855-13-2       Saminomethyl-3,5,5-trimethylcyclohexylamine       25-50%         EINECS: 220-666-8       Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317       25-50%         CAS: 57214-10-5       Formaldehyde, polymer with 1,3-phenylenebis(methylamine) and phenol       25-50%         NLP: 500-137-0       Skin Corr. 1B, H314; Eye Dam. 1, H318       12.5-259         Index number: 612-067-00-9       Formaldehyde, polymer with 1,3-phenylenebis(methylamine) and phenol       25-50%         NLP: 500-137-0		P301+P312	IF SWALLOWED: Call a POISON CENTER/docto	or if you fe
P501       Dispose of contents/container in accordance with loca regional/national/international regulations.         Classification system:       NFPA ratings (scale 0 - 4)         Image: Pire = 1       Preactivity = 0         HMIS-ratings (scale 0 - 4)       Image: Pire = 1         Preactivity = 0       Preactivity = 0         Health = "3       Fire = 1         Reactivity = 0       Preactivity = 0         Other hazards       Rescuts of PBT and vPvB assessment         PBT:       Not applicable.         VPVB:       Not applicable.         Description:       Mixtures         Description:       Mixture of the substances listed below with nonhazardous additions.         Dangerous components:       CAs: 2855-13-2         CAS: 2855-13-2       3-aminomethyl-3,5,5-trimethylcyclohexylamine         EINECS: 220-666-8       Skin Corr. 1B, H314; Eye Dam. 1, H318         McAcute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317       25-50%         CAS: 57214-10-5       Formaldehyde, polymer with 1,3-phenylenebis(methylamine) and phenol       25-50%         NLP: 500-137-0       Skin Corr. 1B, H314; Eye Dam. 1, H318       12-5-259         McAcute Tox. 4, H302; Acute Tox. 4, H332       12-5-259         Index number: 612-067-00-5       Formaldehyde, polymer with 1,3-phenylenebis(methylamine) and phenol       <			unwell.	-
regional/national/international regulations.         Classification system: NFPA ratings (scale 0 - 4)         Health = 3 Fire = 1 Reactivity = 0         Health = *3 Fire = 1 Reactivity = 0         Other hazards         Results of PBT and vPvB assessment PBT: Not applicable. Not applicable.         Not applicable. Not applicable.         Composition/information on ingredients         Chemical characterization: Mixtures Description: Mixture of the substances listed below with nonhazardous additions.         Dangerous components: CAS: 2855-13-2 EINECS: 220-666-8 Index number: 612-067-00-9 NLP: 500-137-0       3-aminomethyl-3,5,5-trimethylcyclohexylamine Skin Corr. 1B, H314; Eye Dam. 1, H318 Occur Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317       25-50%         CAS: 202-666-8 INLPCS: 202-667-00-9 Ox Acute Tox. 4, H302; Acute Tox. 4, H318 Occur Tox. 4, H302; Acute Tox. 4, H318       25-50%         Skin Corr. 1B, H314; Eye Dam. 1, H318 Ox Acute Tox. 4, H312; Skin Sens. 1, H317       25-50%         CAS: 100-51-6 EINECS: 202-859-9 Index number: 603-057-00-5       Benzyl alcohol Ox Acute Tox. 4, H302; Acute Tox. 4, H332       12.5-259         Ox Acute Tox. 4, H302; Acute Tox. 4, H332         Ox Acute Tox. 4, H302; Acute Tox. 4, H332				
Classification system: NFPA ratings (scale 0 - 4)       Health = 3 Fire = 1 Reactivity = 0         HMIS-ratings (scale 0 - 4)       Health = *3 Fire = 1 Reactivity = 0         HMIS-ratings (scale 0 - 4)       Health = *3 Fire = 1 Reactivity = 0         Other hazards Results of PBT and vPvB assessment PBT: vPvB: Not applicable. vPvB: Not applicable.       Health = *3 Fire = 1 Reactivity = 0         Composition/information on ingredients       Not applicable. Not applicable.       Verticable. Not applicable.         Cas: 2855-13-2       3-aminomethyl-3,5,5-trimethyloyclohexylamine EINECS: 220-666-8 Index number: 612-067-00-9       3-aminomethyl-3,5,5-trimethyloyclohexylamine Skin Corr. 1B, H314; Eye Dam. 1, H318 Nacute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317       25-50%         CAS: 57214-10-5 NLP: 500-137-0       Formaldehyde, polymer with 1,3-phenylenebis(methylamine) and phenol Skin Corr. 1B, H314; Eye Dam. 1, H318 (Skin		P501		with loca
NFPA ratings (scale 0 - 4)       Health = 3 Fire = 1 Reactivity = 0         HMIS-ratings (scale 0 - 4)       Health = *3 Fire = 1 Reactivity = 0         Other hazards Results of PBT and vPvB assessment PBT: vPvB:       Health = *3 Fire = 1 Reactivity = 0         Other hazards Results of PBT and vPvB assessment PBT: vPvB:       Not applicable. Not applicable.         Composition/information on ingredients       Not applicable.         Composition/information on ingredients       Mixture of the substances listed below with nonhazardous additions.         Dangerous components:       3-aminomethyl-3,5,5-trimethylcyclohexylamine EINECS: 220-666-8 Index number: 612-067-00-9       3-aminomethyl-3,5,5-trimethylcyclohexylamine Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317         CAS: 257214-10-5 NLP: 500-137-0       Formaldehyde, polymer with 1,3-phenylenebis(methylamine) and phenol Skin Corr. 1B, H314; Eye Dam. 1, H318       25-50%         CAS: 100-51-6 EINECS: 202-869-9 Index number: 603-057-00-5       Benzyl alcohol Skin Corr. 1B, H314; Eye Dam. 1, H318       12.5-259         CAS: 107-55-0 EINECS: 216-032-5       m-phenylenebis(methylamine) Skin Corr. 1B, H314; Eye Dam. 1, H318       1-5%			regional/national/international regulations.	
Fire = 1 Reactivity = 0HMIS-ratings (scale 0 - 4)Fire = 1 Reactivity = 0Other hazards Results of PBT and vPvB assessment PBT: VPVB:Not applicable. VPVB:Composition/information on ingredientsChemical characterization: Mixtures Description:Dargerous components:CAS: 2855-13-2 EINECS: 220-666-8 Index number: 612-067-00-9Skin Corr. 1B, H314; Eye Dam. 1, H318 NLP: 500-137-0Formaldehyde, polymer with 1,3-phenylenebis(methylamine) Skin Corr. 1B, H314; Eye Dam. 1, H318 Skin Sens. 1, H317CAS: 100-51-6 EINECS: 210-61-6 EINECS: 210-632-5Macury all alcoholCAS: 100-51-6 EINECS: 216-032-5EINECS: 216-032-5Skin Corr. 1B, H314; Eye Dam. 1, H318 Skin Sens. 1, H317CAS: 100-51-6 EINECS: 216-032-5EINECS: 216-032-5Skin Corr. 1B, H314; Eye Dam. 1, H318			aalth 2	
AMIS-ratings (scale 0 - 4)       IFEALTH IS       Health = *3         FIRE       IFEE       Fire = 1         REACTIVITY       REACTIVITY       Reactivity = 0         Other hazards       Results of PBT and vPvB assessment       PBT:         PBT:       Not applicable.       Not applicable.         VPVB:       Not applicable.       Not applicable.         Composition/information on ingredients       Mixtures       Enerciption:         Description:       Mixture of the substances listed below with nonhazardous additions.       Enerciption:         CAS: 2855-13-2       3-aminomethyl-3,5,5-trimethylcyclohexylamine       25-50%         EINECS: 220-666-8       Skin Corr. 18, H314; Eye Dam. 1, H318       25-50%         Index number: 612-067-00-9       Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317       25-50%         CAS: 57214-10-5       Formaldehyde, polymer with 1,3-phenylenebis(methylamine) and phenol       25-50%         NLP: 500-137-0       Skin Corr. 18, H314; Eye Dam. 1, H318       12.5-259         Index number: 603-057-00-5       Benzyl alcohol       12.5-259         Index number: 603-057-00-5       M-phenylenebis(methylamine)       1-5%         EINECS: 216-032-5       Skin Corr. 18, H314; Eye Dam. 1, H318       1-5%	INFPA fatings (scale 0 - 4)			
HMIS-ratings (scale 0 - 4)       HEALTH B       Health = *3         FIRE       Fire = 1         Results of PBT and vPvB assessment         PBT:       Not applicable.         VPvE:       Not applicable.         Composition/information on ingredients         Chemical characterization: Mixtures         Description:       Mixture of the substances listed below with nonhazardous additions.         Dangerous components:       Skin Corr. 1B, H314; Eye Dam. 1, H318         CAS: 2855-13-2       3-aminomethyl-3,5,5-trimethylcyclohexylamine         EINECS: 220-666-8       Skin Corr. 1B, H314; Eye Dam. 1, H318         Index number: 612-067-00-9       Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317         CAS: 57214-10-5       Formaldehyde, polymer with 1,3-phenylenebis(methylamine) and phenol       25-50%         NLP: 500-137-0       Skin Corr. 1B, H314; Eye Dam. 1, H318       25-50%         Skin Sens. 1, H317       Skin Sens. 1, H317       25-50%         CAS: 100-51-6       Benzyl alcohol       12.5-259         Index number: 603-057-00-5       Methylenebis(methylamine)       1-5%         Mater Tox. 4, H302; Acute Tox. 4, H332       Methylenebis(methylamine)       1-5%         EINECS: 202-859-9       Methylenebis(methylamine)       1-5%         EINECS: 202-852-				
Fire = 1 Reactivity = 0         Other hazards Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable.         Composition/information on ingredients         Composition/information on ingredients         Chemical characterization: Mixtures Description: Mixture of the substances listed below with nonhazardous additions.         Dangerous components:       Mixture of the substances listed below with nonhazardous additions.         Dangerous components:       3-aminomethyl-3,5,5-trimethylcyclohexylamine         CAS: 2855-13-2       3-aminomethyl-3,2,5,5-trimethylcyclohexylamine         EINECS: 220-666-8       Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317         CAS: 57214-10-5       Formaldehyde, polymer with 1,3-phenylenebis(methylamine) and phenol       25-50%         NLP: 500-137-0       Skin Corr. 1B, H314; Eye Dam. 1, H318       25-50%         Skin Sens. 1, H317       Skin Sens. 1, H317       25-50%         CAS: 100-51-6       Benzyl alcohol       12.5-259         EINECS: 202-859-9       Acute Tox. 4, H302; Acute Tox. 4, H332       12.5-259         Index number: 603-057-00-5       Phenylenebis(methylamine)       1-5%         CAS: 1477-55-0       m-phenylenebis(methylamine)       1-5%         EINECS: 216-032-5       Skin Corr. 1B, H314; Eye Dam. 1, H318       1-5%			•	
Reactivity = 0         Other hazards         Results of PBT and vPvB assessment         PBT:       Not applicable.         vPvB:       Not applicable.         Composition/information on ingredients         Chemical characterization: Mixtures         Description:       Mixture of the substances listed below with nonhazardous additions.         Dangerous components:       3-aminomethyl-3,5,5-trimethylcyclohexylamine         CAS: 2855-13-2       3-aminomethyl-3,5,5-trimethylcyclohexylamine         EINECS: 220-666-8       Mixture of the substances listed below with nonhazardous additions.         Index number: 612-067-00-9       Skin Corr. 1B, H314; Eye Dam. 1, H318         VACute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317       25-50%         CAS: 57214-10-5       Formaldehyde, polymer with 1,3-phenylenebis(methylamine) and phenol       25-50%         NLP: 500-137-0       Skin Corr. 1B, H314; Eye Dam. 1, H318       25-50%         Skin Sens. 1, H317       Skin Sens. 1, H317       25-50%         CAS: 100-51-6       Benzyl alcohol       12.5-259         EINECS: 202-859-9       Macute Tox. 4, H302; Acute Tox. 4, H332       12.5-259         Index number: 603-057-00-5       M-phenylenebis(methylamine)       1-5%         CAS: 1477-55-0       m-phenylen	HMIS-ratings (scale 0 - 4)			
Other hazards Results of PBT and vPvB assessment PBT: vPvB:Not applicable.VPvB:Not applicable.Composition/information on ingredientsChemical characterization: Mixtures Description:Description:Mixture of the substances listed below with nonhazardous additions.Dangerous components:3-aminomethyl-3,5,5-trimethylcyclohexylamine Skin Corr. 1B, H314; Eye Dam. 1, H318 Nature Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317CAS: 2855-13-2 EINECS: 220-666-8 Index number: 612-067-00-93-aminomethyl-3,5,5-trimethylcyclohexylamine Skin Corr. 1B, H314; Eye Dam. 1, H318 Skin Sens. 1, H317CAS: 57214-10-5 NLP: 500-137-0Formaldehyde, polymer with 1,3-phenylenebis(methylamine) and phenol Skin Sens. 1, H317CAS: 100-51-6 EINECS: 202-859-9 Index number: 603-057-00-5Benzyl alcohol Acute Tox. 4, H302; Acute Tox. 4, H332CAS: 1477-55-0 EINECS: 216-032-5m-phenylenebis(methylamine) Skin Corr. 1B, H314; Eye Dam. 1, H318				
Results of PBT and vPvB assessmentPBT: vPvB:Not applicable.Composition/information on ingredientsChemical characterization: Mixtures Description:Mixture of the substances listed below with nonhazardous additions.Dangerous components:Mixture of the substances listed below with nonhazardous additions.CAS: 2855-13-2 EINECS: 220-666-8 Index number: 612-067-00-93-aminomethyl-3,5,5-trimethylcyclohexylamine 			eactivity = 0	
PBT:       Not applicable.         vPvB:       Not applicable.         Composition/information on ingredients         Description:       Mixture of the substances listed below with nonhazardous additions.         Dangerous components:       3-aminomethyl-3,5,5-trimethylcyclohexylamine       25-50%         CAS: 2855-13-2       3-aminomethyl-3,5,5-trimethylcyclohexylamine       25-50%         EINECS: 220-666-8       Skin Corr. 1B, H314; Eye Dam. 1, H318       25-50%         NLP: 500-137-0       Formaldehyde, polymer with 1,3-phenylenebis(methylamine) and phenol       25-50%         Skin Corr. 1B, H314; Eye Dam. 1, H318       Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317       25-50%         CAS: 100-51-6       Benzyl alcohol       12.5-259         Index number: 603-057-00-5       Matue Tox. 4, H302; Acute Tox. 4, H332       12.5-259         CAS: 1477-55-0       m-phenylenebis(methylamine)       1-5%         EINECS: 216-032-5       M-phenylenebis(methylamine)       1-5%				
VPvB:Not applicable.Composition/information on ingredientsChemical characterization: MixturesDescription:Mixture of the substances listed below with nonhazardous additions.Dangerous components:Mixture of the substances listed below with nonhazardous additions.CAS: 2855-13-23-aminomethyl-3,5,5-trimethylcyclohexylamine25-50%EINECS: 20-666-83-aminomethyl-3,5,5-trimethylcyclohexylamine25-50%Index number: 612-067-00-9Skin Corr. 1B, H314; Eye Dam. 1, H31825-50%CAS: 57214-10-5Formaldehyde, polymer with 1,3-phenylenebis(methylamine) and phenol25-50%NLP: 500-137-0Skin Corr. 1B, H314; Eye Dam. 1, H31812.5-259CAS: 100-51-6Benzyl alcohol12.5-259EINECS: 202-859-9Acute Tox. 4, H302; Acute Tox. 4, H33212.5-259Index number: 603-057-00-5m-phenylenebis(methylamine)1-5%CAS: 1477-55-0m-phenylenebis(methylamine)1-5%EINECS: 216-032-5M-phenylenebis(methylamine)1-5%				
Composition/information on ingredients         Chemical characterization: Mixtures         Description:       Mixture of the substances listed below with nonhazardous additions.         Dangerous components:       3-aminomethyl-3,5,5-trimethylcyclohexylamine         CAS: 2855-13-2       3-aminomethyl-3,5,5-trimethylcyclohexylamine         EINECS: 220-666-8       Skin Corr. 1B, H314; Eye Dam. 1, H318         Index number: 612-067-00-9       Skin Corr. 1B, H314; Eye Dam. 1, H318         CAS: 57214-10-5       Formaldehyde, polymer with 1,3-phenylenebis(methylamine) and phenol         NLP: 500-137-0       Skin Corr. 1B, H314; Eye Dam. 1, H318         CAS: 100-51-6       Benzyl alcohol         EINECS: 202-859-9       Acute Tox. 4, H302; Acute Tox. 4, H332         Index number: 603-057-00-5       M-cute Tox. 4, H302; Acute Tox. 4, H332         CAS: 1477-55-0       m-phenylenebis(methylamine)         EINECS: 216-032-5       Skin Corr. 1B, H314; Eye Dam. 1, H318				
Chemical characterization: MixturesDescription:Mixture of the substances listed below with nonhazardous additions.Dangerous components:Siture of the substances listed below with nonhazardous additions.CAS: 2855-13-23-aminomethyl-3,5,5-trimethylcyclohexylamine25-50%EINECS: 220-666-8Skin Corr. 1B, H314; Eye Dam. 1, H31825-50%Index number: 612-067-00-9Skin Corr. 1B, H314; Eye Dam. 1, H31825-50%CAS: 57214-10-5Formaldehyde, polymer with 1,3-phenylenebis(methylamine) and phenol25-50%NLP: 500-137-0Skin Corr. 1B, H314; Eye Dam. 1, H31812.5-259CAS: 100-51-6Benzyl alcohol12.5-259EINECS: 202-859-9M-phenylenebis(methylamine)1-5%CAS: 1477-55-0m-phenylenebis(methylamine)1-5%EINECS: 216-032-5Skin Corr. 1B, H314; Eye Dam. 1, H31814318	<u>VPVB:</u>	Not applicable.		
Chemical characterization: MixturesDescription:Mixture of the substances listed below with nonhazardous additions.Dangerous components:Dangerous components:CAS: 2855-13-23-aminomethyl-3,5,5-trimethylcyclohexylamine25-50%EINECS: 220-666-8Skin Corr. 1B, H314; Eye Dam. 1, H318Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317CAS: 57214-10-5Formaldehyde, polymer with 1,3-phenylenebis(methylamine) and phenol25-50%NLP: 500-137-0Skin Corr. 1B, H314; Eye Dam. 1, H31825-50%Skin Sens. 1, H317Skin Sens. 1, H31712.5-25%CAS: 100-51-6Benzyl alcohol12.5-25%EINECS: 202-859-9Acute Tox. 4, H302; Acute Tox. 4, H33212.5-25%Index number: 603-057-00-5m-phenylenebis(methylamine)1-5%CAS: 1477-55-0m-phenylenebis(methylamine)1-5%EINECS: 216-032-5Skin Corr. 1B, H314; Eye Dam. 1, H31815%				
Description:Mixture of the substances listed below with nonhazardous additions.Dangerous components:3-aminomethyl-3,5,5-trimethylcyclohexylamine25-50%CAS: 2855-13-23-aminomethyl-3,5,5-trimethylcyclohexylamine25-50%EINECS: 220-666-8Skin Corr. 1B, H314; Eye Dam. 1, H318Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H31725-50%CAS: 57214-10-5Formaldehyde, polymer with 1,3-phenylenebis(methylamine) and phenol25-50%NLP: 500-137-0Skin Corr. 1B, H314; Eye Dam. 1, H31825-50%VACUE Tox. 1B, H314; Eye Dam. 1, H318Skin Sens. 1, H31725-50%CAS: 100-51-6Benzyl alcohol12.5-25%EINECS: 202-859-9Acute Tox. 4, H302; Acute Tox. 4, H33212.5-25%Index number: 603-057-00-5m-phenylenebis(methylamine)1-5%CAS: 1477-55-0m-phenylenebis(methylamine)1-5%EINECS: 216-032-5Skin Corr. 1B, H314; Eye Dam. 1, H3181-5%	Composition/information o	on ingredients		
Description:Mixture of the substances listed below with nonhazardous additions.Dangerous components:3-aminomethyl-3,5,5-trimethylcyclohexylamine25-50%CAS: 2855-13-23-aminomethyl-3,5,5-trimethylcyclohexylamine25-50%EINECS: 220-666-8Skin Corr. 1B, H314; Eye Dam. 1, H318Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H31725-50%CAS: 57214-10-5Formaldehyde, polymer with 1,3-phenylenebis(methylamine) and phenol25-50%NLP: 500-137-0Skin Corr. 1B, H314; Eye Dam. 1, H31825-50%CAS: 100-51-6Benzyl alcohol12.5-25%EINECS: 202-859-9Acute Tox. 4, H302; Acute Tox. 4, H33212.5-25%Index number: 603-057-00-5M-cute Tox. 4, H302; Acute Tox. 4, H3321-5%CAS: 1477-55-0m-phenylenebis(methylamine)1-5%EINECS: 216-032-5Skin Corr. 1B, H314; Eye Dam. 1, H3181-5%	Chemical characterization	Mixtures		
Dangerous components:       3-aminomethyl-3,5,5-trimethylcyclohexylamine       25-50%         CAS: 2855-13-2       3-aminomethyl-3,5,5-trimethylcyclohexylamine       25-50%         EINECS: 220-666-8       Skin Corr. 1B, H314; Eye Dam. 1, H318       25-50%         Index number: 612-067-00-9       Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317       25-50%         CAS: 57214-10-5       Formaldehyde, polymer with 1,3-phenylenebis(methylamine) and phenol       25-50%         NLP: 500-137-0       Skin Corr. 1B, H314; Eye Dam. 1, H318       25-50%         CAS: 100-51-6       Benzyl alcohol       12.5-25%         EINECS: 202-859-9       Acute Tox. 4, H302; Acute Tox. 4, H332       12.5-25%         Index number: 603-057-00-5       m-phenylenebis(methylamine)       1-5%         CAS: 1477-55-0       m-phenylenebis(methylamine)       1-5%         EINECS: 216-032-5       Skin Corr. 1B, H314; Eye Dam. 1, H318       1-5%			substances listed below with nonhazardous additions.	
CAS: 2855-13-2       3-aminomethyl-3,5,5-trimethylcyclohexylamine       25-50%         EINECS: 220-666-8       Skin Corr. 1B, H314; Eye Dam. 1, H318       25-50%         Index number: 612-067-00-9       Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317       25-50%         CAS: 57214-10-5       Formaldehyde, polymer with 1,3-phenylenebis(methylamine) and phenol       25-50%         NLP: 500-137-0       Skin Corr. 1B, H314; Eye Dam. 1, H318       25-50%         CAS: 100-51-6       Benzyl alcohol       25-25%         EINECS: 202-859-9       Acute Tox. 4, H302; Acute Tox. 4, H332       12.5-25%         Index number: 603-057-00-5       M-cute Tox. 4, H302; Acute Tox. 4, H332       12.5-25%         CAS: 1477-55-0       m-phenylenebis(methylamine)       1-5%         EINECS: 216-032-5       Skin Corr. 1B, H314; Eye Dam. 1, H318       1-5%				
EINECS: 220-666-8       Skin Corr. 1B, H314; Eye Dam. 1, H318         Index number: 612-067-00-9       Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317         CAS: 57214-10-5       Formaldehyde, polymer with 1,3-phenylenebis(methylamine) and phenol       25-50%         NLP: 500-137-0       Skin Corr. 1B, H314; Eye Dam. 1, H318       12.5-25%         CAS: 100-51-6       Benzyl alcohol       12.5-25%         EINECS: 202-859-9       Acute Tox. 4, H302; Acute Tox. 4, H332       12.5-25%         Index number: 603-057-00-5       m-phenylenebis(methylamine)       1-5%         EINECS: 216-032-5       Skin Corr. 1B, H314; Eye Dam. 1, H318       1-5%		3-aminomethyl-3 5 5	trimethylovolohovylamino	25-50%
Index number: 612-067-00-9       Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317         CAS: 57214-10-5       Formaldehyde, polymer with 1,3-phenylenebis(methylamine) and phenol       25-50%         NLP: 500-137-0       Skin Corr. 1B, H314; Eye Dam. 1, H318       25-50%         CAS: 100-51-6       Benzyl alcohol       12.5-259         EINECS: 202-859-9       Acute Tox. 4, H302; Acute Tox. 4, H332       12.5-259         Index number: 603-057-00-5       m-phenylenebis(methylamine)       1-5%         CAS: 1477-55-0       m-phenylenebis(methylamine)       1-5%         EINECS: 216-032-5       Skin Corr. 1B, H314; Eye Dam. 1, H318       1-5%				20-00 /0
CAS: 57214-10-5       Formaldehyde, polymer with 1,3-phenylenebis(methylamine) and phenol       25-50%         NLP: 500-137-0       Skin Corr. 1B, H314; Eye Dam. 1, H318       125-50%         CAS: 100-51-6       Benzyl alcohol       12.5-25%         EINECS: 202-859-9       Acute Tox. 4, H302; Acute Tox. 4, H332       12.5-25%         Index number: 603-057-00-5       m-phenylenebis(methylamine)       1-5%         EINECS: 216-032-5       Skin Corr. 1B, H314; Eye Dam. 1, H318       1-5%	LINE 00. 220 000-0		14, Eye Dam. 1, H310 12: Acute Tox 4 H312: Skin Sens 1 H317	
NLP: 500-137-0       Skin Corr. 1B, H314; Eye Dam. 1, H318         CAS: 100-51-6       Benzyl alcohol         EINECS: 202-859-9       Acute Tox. 4, H302; Acute Tox. 4, H332         Index number: 603-057-00-5       m-phenylenebis(methylamine)         CAS: 1477-55-0       m-phenylenebis(methylamine)         EINECS: 216-032-5       Skin Corr. 1B, H314; Eye Dam. 1, H318		▼		25 500/
Skin Sens. 1, H317       12.5-25%         CAS: 100-51-6       Benzyl alcohol       12.5-25%         EINECS: 202-859-9       Acute Tox. 4, H302; Acute Tox. 4, H332       14.5-25%         Index number: 603-057-00-5       m-phenylenebis(methylamine)       1-5%         CAS: 1477-55-0       M-phenylenebis(methylamine)       1-5%         EINECS: 216-032-5       Skin Corr. 1B, H314; Eye Dam. 1, H318       1-5%	Index number: 612-067-00-9	TEOHIMAIQENVQE, DOIVIT		1 211-711-76
CAS: 100-51-6       Benzyl alcohol       12.5-25%         EINECS: 202-859-9       Index number: 603-057-00-5       Index number: 603-057-00-5       12.5-25%         CAS: 1477-55-0       m-phenylenebis(methylamine)       1-5%         EINECS: 216-032-5       Image: Skin Corr. 1B, H314; Eye Dam. 1, H318       1-5%	Index number: 612-067-00-9 CAS: 57214-10-5		14 Evo Dom 1 4219	20 00 /0
EINECS: 202-859-9	Index number: 612-067-00-9 CAS: 57214-10-5	Skin Corr. 1B, H3		20 00 /0
Index number: 603-057-00-5         m-phenylenebis(methylamine)         1-5%           CAS: 1477-55-0         m-phenylenebis(methylamine)         1-5%           EINECS: 216-032-5	Index number: 612-067-00-9 CAS: 57214-10-5 NLP: 500-137-0	Skin Corr. 1B, H3 Skin Sens. 1, H31		
CAS: 1477-55-0       m-phenylenebis(methylamine)       1-5%         EINECS: 216-032-5	Index number: 612-067-00-9 CAS: 57214-10-5 NLP: 500-137-0 CAS: 100-51-6	Skin Corr. 1B, H3 Skin Sens. 1, H31 Benzyl alcohol	7	
EINECS: 216-032-5 🔗 Skin Corr. 1B, H314; Eye Dam. 1, H318	Index number: 612-067-00-9 CAS: 57214-10-5 NLP: 500-137-0 CAS: 100-51-6 EINECS: 202-859-9	Skin Corr. 1B, H3 Skin Sens. 1, H31 Benzyl alcohol Acute Tox. 4, H30	7	
	Index number: 612-067-00-9 CAS: 57214-10-5 NLP: 500-137-0 CAS: 100-51-6 EINECS: 202-859-9 Index number: 603-057-00-5	Skin Corr. 1B, H3 Skin Sens. 1, H31 Benzyl alcohol Acute Tox. 4, H30	7 2; Acute Tox. 4, H332	12.5-25%
	Index number: 612-067-00-9 CAS: 57214-10-5 NLP: 500-137-0 CAS: 100-51-6 EINECS: 202-859-9 Index number: 603-057-00-5 CAS: 1477-55-0	Skin Corr. 1B, H3 Skin Sens. 1, H31 Benzyl alcohol Acute Tox. 4, H30	7 2; Acute Tox. 4, H332 hylamine)	12.5-25%



(Contd. on page 3) us

acc. to OSHA HCS

Printing date 04/03/2017

Reviewed on 04/03/2017

**AKEMI**<sup>®</sup>

Trade name: Akepox 2010 Component B

	(Co	ntd. of page 2)
CAS: 25154-52-3	nonylphenol	1-5%
EINECS: 246-672-0	🚸 Repr. 2, H361	
Index number: 601-053-00-8	👌 Skin Corr. 1B, H314	
	🔥 Acute Tox. 4, H302	
CAS: 69-72-7	Salicylic acid	1-5%
EINECS: 200-712-3	🔆 Eye Dam. 1, H318	
	🚯 Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Irrit. 2, H315; STOT SE	
	3, H335	
	Aminosilane	1-5%
	😔 Eye Dam. 1, H318	
	🚯 Skin Sens. 1, H317	
CAS: 108-95-2	phenol	1-5%
EINECS: 203-632-7	Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331	
Index number: 604-001-00-2		
	🗄 Skin Corr. 1B, H314	
Additional information:	For the wording of the listed hazard phrases refer to section 16.	LJ

#### 4 First-aid measures

#### · Description of first aid measures

<ul> <li>General information:</li> </ul>	Take affected persons out into the fresh air.
	Position and transport stably on side.
	Immediately remove any clothing soiled by the product.
	Symptoms of poisoning may even occur after several hours; therefore medical
	observation for at least 48 hours after the accident.
<ul> <li>After inhalation:</li> </ul>	Supply fresh air and to be sure call for a doctor.
	In case of unconsciousness place patient stably in side position for
	transportation.
<ul> <li>After skin contact:</li> </ul>	If skin irritation continues, consult a doctor.
	Immediately wash with water and soap and rinse thoroughly.
After eye contact:	Rinse opened eye for several minutes under running water. Then consult a
	doctor.
<ul> <li>After swallowing:</li> </ul>	Immediately call a doctor.
<u></u>	Drink copious amounts of water and provide fresh air. Immediately call a doctor.
<ul> <li>Information for doctor:</li> </ul>	The symptoms of phenol based poisoning appearances are white coloured
	mouth scabs, shock condition, insensibility, bradycardia and renal dysfunction
	and damage of renal tissue. Appropriate therapy measures: Administration of an
	adequate volume of liquid, gastrolavage in application of carbo medicinalis,
	sodium sulphate with plenty of water, infusion of glucose solution (5%);
	maesures against state of shock, hemodialysis.
	Nonylphenol based exposition: causes corrosive burns, damages respiratory
	tract, eyes, skin and digestive system up to complete tissue destruction.
	Temporary dysfunctions such as dizziness, headache, nausea and diarrhea may
	occur. Can cause health disturbances like dermal bleaching, renal and hepatic
	damage.
	Amines: Inhalation, swallowing or dermal contact may cause health damages.
	Cause burns, harm respiratory tract, eyes, skin, and digestion system in worst
	case up to complete destruction. Intermediate interferences such as headache,
	nausea, cough, dyspnea may occur. May cause allergies. Sensitized users may
	react towards very low amine concentrations and should avoid any further
Most important sumptons and	contact with this group of chemicals.
Most important symptoms and	
effects, both acute and delayed	Headache
	Dizziness
	Dizziness
	Nausea

**Breathing difficulty** 

(Contd. on page 4)

\*

### Safety Data Sheet

acc. to OSHA HCS

Printing date 04/03/2017

108-95-2 phenol

67-56-1 methanol

Reviewed on 04/03/2017

15 ppm

530 ppm (Contd. on page 5)

US

**AKEMI**<sup>®</sup>

	and D	
ade name: Akepox 2010 Compon	ient B	
		(Contd. of page
· Danger	Danger of impaired breathing.	
Indication of any immediate		
medical attention and special		
treatment needed	If swallowed, gastric irrigation with added, activated carbon.	
5 Fire-fighting measures		
· Extinguishing media		
Suitable extinguishing agents:	Use fire fighting measures that suit the environment.	
· Special hazards arising from th		
substance or mixture	Formation of toxic gases is possible during heating or in case	of fire.
	In case of fire, the following can be released:	
	Carbon monoxide (CO)	
	Nitrogen oxides (NOx) In certain fire conditions, traces of other toxic gases cannot be	aveluded
· Advice for firefighters		
· Protective equipment:	Wear fully protective suit.	
<b>I</b>	Wear self-contained respiratory protective device.	
	Do not inhale explosion gases or combustion gases.	
	Mount respiratory protective device.	
· Additional information	Collect contaminated fire fighting water separately. It must no	t enter the sewa
	system.	
	Dispose of fire debris and contaminated fire fighting water i	n accordance w
	official regulations.	
6 Accidental release measures	official regulations.	
· Personal precautions, protectiv		
<ul> <li>Personal precautions, protectiv equipment and emergency</li> </ul>	/ <u>e</u>	
· Personal precautions, protectiv		/dust/aerosol.
Personal precautions, protective equipment and emergency procedures	re Ensure adequate ventilation Use respiratory protective device against the effects of fumes/ Wear protective equipment. Keep unprotected persons away.	′dust/aerosol.
Personal precautions, protective equipment and emergency procedures	Te Ensure adequate ventilation Use respiratory protective device against the effects of fumes/ Wear protective equipment. Keep unprotected persons away. Do not allow to penetrate the ground/soil.	
Personal precautions, protective equipment and emergency procedures	<b>re</b> Ensure adequate ventilation Use respiratory protective device against the effects of fumes/ Wear protective equipment. Keep unprotected persons away. Do not allow to penetrate the ground/soil. Do not allow product to reach sewage system or any water co	urse.
Personal precautions, protective equipment and emergency procedures	Te Ensure adequate ventilation Use respiratory protective device against the effects of fumes/ Wear protective equipment. Keep unprotected persons away. Do not allow to penetrate the ground/soil. Do not allow product to reach sewage system or any water co Inform respective authorities in case of seepage into water	urse.
Personal precautions, protective equipment and emergency procedures	Te Ensure adequate ventilation Use respiratory protective device against the effects of fumes/ Wear protective equipment. Keep unprotected persons away. Do not allow to penetrate the ground/soil. Do not allow product to reach sewage system or any water co Inform respective authorities in case of seepage into water system.	urse.
Personal precautions, protective equipment and emergency procedures     Environmental precautions:	Te Ensure adequate ventilation Use respiratory protective device against the effects of fumes/ Wear protective equipment. Keep unprotected persons away. Do not allow to penetrate the ground/soil. Do not allow product to reach sewage system or any water co Inform respective authorities in case of seepage into water	urse.
Personal precautions, protective equipment and emergency procedures     Environmental precautions:     Methods and material for	Ensure adequate ventilation Use respiratory protective device against the effects of fumes/ Wear protective equipment. Keep unprotected persons away. Do not allow to penetrate the ground/soil. Do not allow product to reach sewage system or any water co Inform respective authorities in case of seepage into water system. Do not allow to enter sewers/ surface or ground water.	urse.
Personal precautions, protective equipment and emergency procedures     Environmental precautions:	Te Ensure adequate ventilation Use respiratory protective device against the effects of fumes/ Wear protective equipment. Keep unprotected persons away. Do not allow to penetrate the ground/soil. Do not allow product to reach sewage system or any water co Inform respective authorities in case of seepage into water system.	urse. course or sewa
Personal precautions, protectiv equipment and emergency procedures     Environmental precautions:     Methods and material for	Ensure adequate ventilation Use respiratory protective device against the effects of fumes/ Wear protective equipment. Keep unprotected persons away. Do not allow to penetrate the ground/soil. Do not allow product to reach sewage system or any water co Inform respective authorities in case of seepage into water system. Do not allow to enter sewers/ surface or ground water. Dispose of the collected material according to regulations. Absorb with liquid-binding material (sand, diatomite, acid binders, sawdust).	urse. course or sewa
Personal precautions, protective equipment and emergency procedures     Environmental precautions:     Methods and material for	Ensure adequate ventilation Use respiratory protective device against the effects of fumes/ Wear protective equipment. Keep unprotected persons away. Do not allow to penetrate the ground/soil. Do not allow product to reach sewage system or any water co Inform respective authorities in case of seepage into water system. Do not allow to enter sewers/ surface or ground water. Dispose of the collected material according to regulations. Absorb with liquid-binding material (sand, diatomite, acid binders, sawdust). Use neutralizing agent.	urse. course or sewa binders, univer
Personal precautions, protective equipment and emergency procedures     Environmental precautions:     Methods and material for	Ensure adequate ventilation Use respiratory protective device against the effects of fumes/ Wear protective equipment. Keep unprotected persons away. Do not allow to penetrate the ground/soil. Do not allow product to reach sewage system or any water co Inform respective authorities in case of seepage into water system. Do not allow to enter sewers/ surface or ground water. Dispose of the collected material according to regulations. Absorb with liquid-binding material (sand, diatomite, acid binders, sawdust). Use neutralizing agent. Dispose contaminated material as waste according to item 13	urse. course or sewa binders, univer
<ul> <li>Personal precautions, protective equipment and emergency procedures</li> <li>Environmental precautions:</li> <li>Methods and material for containment and cleaning up:</li> </ul>	Ensure adequate ventilation Use respiratory protective device against the effects of fumes/ Wear protective equipment. Keep unprotected persons away. Do not allow to penetrate the ground/soil. Do not allow product to reach sewage system or any water co Inform respective authorities in case of seepage into water system. Do not allow to enter sewers/ surface or ground water. Dispose of the collected material according to regulations. Absorb with liquid-binding material (sand, diatomite, acid binders, sawdust). Use neutralizing agent. Dispose contaminated material as waste according to item 13 Ensure adequate ventilation.	urse. course or sewa binders, univer
Personal precautions, protective equipment and emergency procedures     Environmental precautions:     Methods and material for	Ensure adequate ventilation Use respiratory protective device against the effects of fumes/ Wear protective equipment. Keep unprotected persons away. Do not allow to penetrate the ground/soil. Do not allow product to reach sewage system or any water co Inform respective authorities in case of seepage into water system. Do not allow to enter sewers/ surface or ground water. Dispose of the collected material according to regulations. Absorb with liquid-binding material (sand, diatomite, acid binders, sawdust). Use neutralizing agent. Dispose contaminated material as waste according to item 13 Ensure adequate ventilation. See Section 7 for information on safe handling.	urse. course or sewa binders, univer
<ul> <li>Personal precautions, protective equipment and emergency procedures</li> <li>Environmental precautions:</li> <li>Methods and material for containment and cleaning up:</li> </ul>	Ensure adequate ventilation Use respiratory protective device against the effects of fumes/ Wear protective equipment. Keep unprotected persons away. Do not allow to penetrate the ground/soil. Do not allow product to reach sewage system or any water co Inform respective authorities in case of seepage into water system. Do not allow to enter sewers/ surface or ground water. Dispose of the collected material according to regulations. Absorb with liquid-binding material (sand, diatomite, acid binders, sawdust). Use neutralizing agent. Dispose contaminated material as waste according to item 13 Ensure adequate ventilation. See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment	urse. course or sewa binders, univer
<ul> <li>Personal precautions, protective equipment and emergency procedures</li> <li>Environmental precautions:</li> <li>Methods and material for containment and cleaning up:</li> <li>Reference to other sections</li> </ul>	Ensure adequate ventilation Use respiratory protective device against the effects of fumes/ Wear protective equipment. Keep unprotected persons away. Do not allow to penetrate the ground/soil. Do not allow product to reach sewage system or any water co Inform respective authorities in case of seepage into water system. Do not allow to enter sewers/ surface or ground water. Dispose of the collected material according to regulations. Absorb with liquid-binding material (sand, diatomite, acid binders, sawdust). Use neutralizing agent. Dispose contaminated material as waste according to item 13 Ensure adequate ventilation. See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment See Section 13 for disposal information.	urse. course or sewa binders, univer
<ul> <li>Personal precautions, protective equipment and emergency procedures</li> <li>Environmental precautions:</li> <li>Methods and material for containment and cleaning up:</li> </ul>	Ensure adequate ventilation Use respiratory protective device against the effects of fumes/ Wear protective equipment. Keep unprotected persons away. Do not allow to penetrate the ground/soil. Do not allow product to reach sewage system or any water co Inform respective authorities in case of seepage into water system. Do not allow to enter sewers/ surface or ground water. Dispose of the collected material according to regulations. Absorb with liquid-binding material (sand, diatomite, acid binders, sawdust). Use neutralizing agent. Dispose contaminated material as waste according to item 13 Ensure adequate ventilation. See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment See Section 13 for disposal information.	urse. course or sewa binders, univer
<ul> <li>Personal precautions, protective equipment and emergency procedures</li> <li>Environmental precautions:</li> <li>Methods and material for containment and cleaning up:</li> <li>Reference to other sections</li> <li>Protective Action Criteria for CH</li> <li>PAC-1:</li> </ul>	Ensure adequate ventilation Use respiratory protective device against the effects of fumes/ Wear protective equipment. Keep unprotected persons away. Do not allow to penetrate the ground/soil. Do not allow product to reach sewage system or any water co Inform respective authorities in case of seepage into water system. Do not allow to enter sewers/ surface or ground water. Dispose of the collected material according to regulations. Absorb with liquid-binding material (sand, diatomite, acid binders, sawdust). Use neutralizing agent. Dispose contaminated material as waste according to item 13 Ensure adequate ventilation. See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment See Section 13 for disposal information.	urse. course or sewa binders, univer nt.
<ul> <li>Personal precautions, protective equipment and emergency procedures</li> <li>Environmental precautions:</li> <li>Methods and material for containment and cleaning up:</li> <li>Reference to other sections</li> <li>Protective Action Criteria for CI PAC-1: 100-51-6 Benzyl alcohol</li> </ul>	Ensure adequate ventilation Use respiratory protective device against the effects of fumes/ Wear protective equipment. Keep unprotected persons away. Do not allow to penetrate the ground/soil. Do not allow product to reach sewage system or any water co Inform respective authorities in case of seepage into water system. Do not allow to enter sewers/ surface or ground water. Dispose of the collected material according to regulations. Absorb with liquid-binding material (sand, diatomite, acid binders, sawdust). Use neutralizing agent. Dispose contaminated material as waste according to item 13 Ensure adequate ventilation. See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment See Section 13 for disposal information.	urse. course or sewa binders, univer nt. 30 ppm
<ul> <li>Personal precautions, protective equipment and emergency procedures</li> <li>Environmental precautions:</li> <li>Methods and material for containment and cleaning up:</li> <li>Reference to other sections</li> <li>Protective Action Criteria for Cleaning 100-51-6 Benzyl alcohol 67762-90-7 Siloxane und Silicone</li> </ul>	Ensure adequate ventilation Use respiratory protective device against the effects of fumes/ Wear protective equipment. Keep unprotected persons away. Do not allow to penetrate the ground/soil. Do not allow product to reach sewage system or any water co Inform respective authorities in case of seepage into water system. Do not allow to enter sewers/ surface or ground water. Dispose of the collected material according to regulations. Absorb with liquid-binding material (sand, diatomite, acid binders, sawdust). Use neutralizing agent. Dispose contaminated material as waste according to item 13 Ensure adequate ventilation. See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment See Section 13 for disposal information.	urse. course or sewa binders, univer nt. 30 ppm 120 mg/m
<ul> <li>Personal precautions, protective equipment and emergency procedures</li> <li>Environmental precautions:</li> <li>Methods and material for containment and cleaning up:</li> <li>Reference to other sections</li> <li>Protective Action Criteria for CI PAC-1: 100-51-6 Benzyl alcohol</li> </ul>	Ensure adequate ventilation Use respiratory protective device against the effects of fumes/ Wear protective equipment. Keep unprotected persons away. Do not allow to penetrate the ground/soil. Do not allow product to reach sewage system or any water co Inform respective authorities in case of seepage into water system. Do not allow to enter sewers/ surface or ground water. Dispose of the collected material according to regulations. Absorb with liquid-binding material (sand, diatomite, acid binders, sawdust). Use neutralizing agent. Dispose contaminated material as waste according to item 13 Ensure adequate ventilation. See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment See Section 13 for disposal information.	urse. course or sewa binders, univer nt.

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-US-

			(Contd. of page
PAC-2:			
100-51-6	Benzyl alcohol		52 ppm
		, di-Me, Reaktionsprodukt mit Silica	1,300 mg/m3
25154-52-3	nonylphenol	· · · · · · · · · · · · · · · · · · ·	53 mg/m3
	Aminosilane		250 mg/m3
108-95-2	phenol		23 ppm
67-56-1	methanol		2,100 ppm
PAC-3:	1		ł
100-51-6	Benzyl alcohol		740 ppm
67762-90-7	Siloxane und Silicone	, di-Me, Reaktionsprodukt mit Silica	7,900 mg/m3
25154-52-3	nonylphenol		320 mg/m3
	Aminosilane		1,500 mg/m3
108-95-2	phenol		200 ppm
67-56-1	methanol		7200* ppm
	for safe handling	Keep receptacles tightly sealed. Store in cool, dry place in tightly closed receptacles. Use only in well ventilated areas. Ensure good ventilation/exhaustion at the workplace.	
Information	about protection losions and fires:	No encoiol measures required	
		No special measures required.	
Conditions Storage:	for safe storage, incl	uding any incompatibilities	
	nts to be met by		
storerooms	and receptacles:	Store only in the original receptacle. Prevent any seepage into the ground.	
storerooms Information common sto	about storage in one orage facility:		
storerooms Information common sto Further info conditions:	about storage in one orage facility: rmation about storage	Prevent any seepage into the ground. Store away from oxidizing agents.	
storerooms Information common sto Further info	about storage in one orage facility: rmation about storage	Prevent any seepage into the ground. Store away from oxidizing agents. Store away from foodstuffs. Store receptacle in a well ventilated area.	

#### 8 Exposure controls/personal protection

\*

<ul> <li>Additional information about design of technical systems:</li> </ul>	No further data; see item 7.
Control parameters     Components with limit values that     require monitoring at the     workplace:	The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.
100-51-6 Benzyl alcohol	
WEEL Long-term value: 10 ppm	
	(Contd. on page 6)

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ade nar	ne: Akepox 2010 Compo	onent B
		(Contd. of page 5)
	55-0 m-phenylenebis(me	
REL	Ceiling limit value: 0.1 m Skin	ng/m³
TLV	Ceiling limit value: 0.1 m Skin	ng/m <sup>3</sup>
108-95	5-2 phenol	
PEL	Long-term value: 19 mg/ Skin	/m³, 5 ppm
REL	Long-term value: 19 mg/ Ceiling limit value: 60* m *15-min; Skin	
TLV	Long-term value: 19 mg/ Skin; BEI	/m³, 5 ppm
<ul> <li>Ingred</li> </ul>	ients with biological limit v	values:
	5-2 phenol	
	50 mg/g creatinine	
N	ledium: urine	
	ime: end of shift	
		drolysis (background, nonspecific)
	onal information:	The lists that were valid during the creation were used as basis.
• Breath	ing equipment:	Use skin protection cream for skin protection. Clean skin thoroughly immediately after handling the product. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Do not inhale gases / fumes / aerosols. Avoid contact with the eyes and skin. Not necessary if room is well-ventilated. Short term filter device: Filter A/P2 In case of brief exposure or low pollution use respiratory filter device. In case of
• <u>Protec</u>	tion of hands:	<ul> <li>intensive or longer exposure use respiratory protective device that is independent of circulating air.</li> <li>Preventive skin protection by use of skin-protecting agents is recommended.</li> <li>After use of gloves apply skin-cleaning agents and skin cosmetics.</li> <li>Skin protection agent recommendation for preventive skin shelter in application and combination of protective gloves:</li> <li>STOKO EMULSION (http://www.stoko.com)</li> <li>Skin protection recommendation for skin cleaning after product handling:</li> <li>SLIG SPEZIAL (http://www.stoko.com)</li> <li>Skin protection agent recommendation for skin aftercare:</li> <li>STOKO VITAN (http://www.stoko.com)</li> <li>The protection gloves to be used have to comply with the specifications of the directive 89/686/EC and the directive derived decree EN374, respectively, e.g the above listed protection glove type. The mentioned permeation times' data were generated and verified with material samples of the recommended protection glove type in the scope of laboratory anylyses of the company KCI GmbH in compliance with EN374.</li> <li>This recommendation refers exclusively to the material safety data shee</li> </ul>

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Trade name: Akepox 2010 Compone	ent B
	(Contd. of page 6) chemicals, and in condition of EN374 deviation the producer of CE-approved protection gloves must be contacted for detailed information (e.g., KCL GmbH, Germany, 36124 Eichenzell, internet: http://www.kcl.de).
	Protective gloves
	The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- <u>Material of gloves</u>	Butyl rubber, BR The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
Penetration time of glove material	Value for the permeation: Level $\leq$ 6, 480 min The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
For the permanent contact gloves	
made of the following materials are suitable:	≘ Butyl rubber, BR
Suitable.	Butoject (KCL, Art_No. 897, 898) Nitrile rubber, NBR
	Camatril (KCL, Art_No. 730, 731, 732, 733) Dermatril (Art_No. 740, 741, 742) Chloroprene rubber, CR
<ul> <li>As protection from splashes gloves made of the following materials are</li> </ul>	
suitable:	Nitrile rubber, NBR
	Camatril (KCL, 730, 731, 732, 733) Chloroprene rubber, CR Camapren (KCL, Art_No. 720, 722, 726)
<ul> <li>Not suitable are gloves made of</li> </ul>	oumapion (not, / nnot / 20, 122, 120)
the following materials:	Natural rubber, NR Fluorocarbon rubber (Viton) Leather gloves
Eye protection:	Strong gloves Tightly sealed goggles
Body protection:	Protective work clothing
9 Physical and chemical propertie	s
Information on basic physical ar     General Information	nd chemical properties
<ul> <li><u>Appearance:</u> Form:</li> </ul>	Pasty
Color:	Light yellow
· Odor:	Characteristic
	(Control on page 8)

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ade name: Akepox 2010 Compon	ent B
	(Contd. of page
· pH-value:	Not applicable
<u>Change in condition</u> <u>Melting point/Melting range:</u> <u>Boiling point/Boiling range:</u>	Undetermined. 205 °C (401 °F)
· Flash point:	101 °C (214 °F)
Ignition temperature:	380 °C (716 °F)
Decomposition temperature:	> 250 °C (> 482 °F)
<u>Auto igniting:</u>	Product is not selfigniting.
Danger of explosion:	Product does not present an explosion hazard.
• Explosion limits: Lower: Upper:	1.3 Vol % 13.0 Vol %
· Vapor pressure at 20 °C (68 °F):	0.1 hPa
Density at 20 °C (68 °F):	1.08 g/cm³ (9.013 lbs/gal)
<ul> <li>Specific gravity at 20 °C (68 °F):</li> </ul>	1.08 g/cm³ (9.013 lbs/gal)
<u>Solubility in / Miscibility with</u> <u>Water:</u>	Not miscible or difficult to mix.
• <u>Viscosity:</u> Dynamic: Kinematic:	Not determined. Not determined.
<u>Solvent content:</u> Organic solvents:	11.5 %
Solids content: • Other information	84.7 % No further relevant information available.
0 Stability and reactivity	
<ul> <li><u>Reactivity</u></li> <li><u>Chemical stability</u></li> <li><u>Thermal decomposition /</u></li> </ul>	No further relevant information available.
conditions to be avoided: • Possibility of hazardous	No decomposition if used and stored according to specifications.
reactions	Strong exothermic reaction with acids. Reacts with strong oxidizing agents.
· Conditions to avoid	No further relevant information available.
Incompatible materials:	No further relevant information available.

#### **11 Toxicological information**

products:

· Hazardous decomposition

• LD/LC50 values that are relevant for classification:         ATE (Acute Toxicity Estimates)         Oral       LD50         1376 mg/kg         Dermal       LD50         3019 mg/kg	<ul> <li>Information</li> <li>Acute toxic</li> </ul>	on on toxicolog city:	gical effects
Oral         LD50         1376 mg/kg           Dermal         LD50         3019 mg/kg	۰ LD/LC50 ۱	alues that are r	elevant for classification:
Dermal LD50 3019 mg/kg	ATE (Acu	te Toxicity Esti	imates)
	Oral	LD50	1376 mg/kg
	Dermal	LD50	3019 mg/kg
Inhalative LC50/4 h 26.9 mg/l (Contd. on page 9)	Inhalative	LC50/4 h	26.9 mg/l

Corrosive gases/vapors

(Contd. on page 9)

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Trade name: Akepox 2010 Component B (Contd. of page 8) 2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine LD50 1030 mg/kg (rat) Oral NOAEL-Werte >250 mg/kg (rat) 1840 mg/kg (rabbit) Dermal LD50 >2000 mg/kg (rat) Inhalative LC50/4 h (rat) 100-51-6 Benzyl alcohol Oral LD50 1040 mg/kg (mouse) 1040 mg/kg (rabbit) 1620 mg/kg (rat) LD50 Dermal 2000 mg/kg (rabbit) Inhalative LC50/4h >4178 mg/m3 (rat) LC50/8h 1000 ppm (rat) LC50/4 h > 1000 mg/l (rat) LC50/48h 360 mg/l (daphnia magna) 645 mg/l (goo) 25154-52-3 nonylphenol Oral LD50 200-2000 mg/kg (rat) LD50 Dermal 2031 mg/kg (rabbit) 108-95-2 phenol LD50 300 mg/kg (mouse) Oral 317 mg/kg (rat) Dermal LD50 630 mg/kg (rat) Inhalative LC50/4 h 316 mg/l (rat) · Primary irritant effect: · on the skin: Caustic effect on skin and mucous membranes. · on the eye: Strong caustic effect. · Sensitization: Sensitization possible through skin contact. Additional toxicological information: The product shows the following dangers according to internally approved calculation methods for preparations: Harmful Corrosive Irritant Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach. · Carcinogenic categories · IARC (International Agency for Research on Cancer) 108-95-2 phenol 3 · NTP (National Toxicology Program) None of the ingredients is listed. · OSHA-Ca (Occupational Safety & Health Administration) None of the ingredients is listed. (Contd. on page 10)

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Trade name: Akepox 2010 Component B

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#### 12 Ecological information

	liomation
· Toxicity	
<ul> <li>Aquatic toxic</li> </ul>	it <u>y:</u>
2855-13-2 3-	aminomethyl-3,5,5-trimethylcyclohexylamine
EC50/24h	44 mg/l (daphnia magna)
LC 0/96h	70 mg/l (piscis)
EC10/18h	1120 mg/l (pseudomonas putida)
EC50/48h	23 mg/l (daphnia magna) (OECD TG 202)
NOEC/21d	3 mg/l (daphnia magna)
EC50/72h	37 mg/l (green alge) (EG 88/302)
	50 mg/l (Scenedesmus subspicatus)
LC50/96h	110 mg/l (Brachydanio rerio) (EG 84/449)
100-51-6 Bei	nzyl alcohol
EC50/24h	55-400 mg/l (daphnia magna)
EC50/96h	640 mg/l (Scenedesmus pluvialis)
EC50	21º0 mg/l (BES) (OECD 209)
	79 mg/l (Scenedesmus quadricauda)
EC10/16h	658 mg/l (pseudomonas putida)
EC50/48h	230 mg/l (daphnia magna) (OECD 202)
EC0	640 mg/l (Scenedesmus quadricauda)
EC50/16h	658 mg/l (pseudomonas putida)
EC50/30min	71.4 mg/l (Photobac. phosphoreum)
	400 mg/l (pseudomonas putida)
IC5/96h	640 mg/l (Scenedesmus quadricauda)
NOEC	310 mg/kg (Pseudokirchneriella subcapitata)
NOEC/21d	51 mg/l (daphnia magna) (OECD211)
EC50/72h	770 mg/l (green alge) (OECD 201)
	770 mg/l (Pseudokirchneriella subcapitata)
LC50/96h	645 mg/l (goo)
	10 mg/l (lepomis macrochirus)
	460 mg/l (Pimephales promelas)
25154-52-3 r	nonylphenol
EC50/96h	>0.1 mg/l (Pimephales promelas)
EC50/48h	>0.01 mg/l (daphnia magna)
NOEC	0.007 mg/kg (pimephales promelas)
NOEC/21d	0.024 mg/l (daphnia magna)
EC50/72h	>0.1 mg/l (Scenedesmus subspicatus)
LC50/96h	0.14-0.27 mg/l (Pimephales promelas)
108-95-2 phe	
EC50/24h	21 mg/l (BO)
EC50/96h	61.1 mg/l (green alge)
EC50/48h	3.1 mg/l (daphnia magna)
LC50/96h	8.9 mg/l (Oncorhynchus mykiss)
	and degradability No further relevant information available. environmental systems:
· Bioaccumula	
	(Contd. on page 11)

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rade name: Akepox 2010 Compon	nent B			
	(Contd. of page 1			
<ul> <li>Mobility in soil</li> </ul>	No further relevant information available.			
· Ecotoxical effects:				
· Remark:	Harmful to fish			
· Additional ecological information				
General notes:	Do not allow product to reach ground water, water course or sewage system.			
Ceneral notes.	Harmful to aquatic organisms			
	Water hazard class 2 (Self-assessment): hazardous for water			
· Results of PBT and vPvB asses				
· PBT:	Not applicable.			
• vPvB:				
• Other adverse effects	Not applicable.			
	No further relevant information available.			
3 Disposal considerations				
· Waste treatment methods				
· Recommendation:	Must not be disposed of together with household garbage. Do not allow produ to reach sewage system.			
Uncloaned neckasings.				
· Uncleaned packagings:	Empty contominated pockagings therewally. They can be recurded at			
· Recommendation:	Empty contaminated packagings thoroughly. They can be recycled after			
	thorough and proper cleaning.			
<u>Recommended cleansing agent:</u>	Alcohol			
	acetone			
4 Transport information				
4 Transport information				
· UN-Number				
-	UN2735			
· <b>UN-Number</b> · DOT, ADR, IMDG, IATA	UN2735			
• UN-Number     • DOT, ADR, IMDG, IATA     • UN proper shipping name				
· <b>UN-Number</b> · DOT, ADR, IMDG, IATA	Polyamines, liquid, corrosive, n.o.s. (Isophoronediamine, m			
<ul> <li>• UN-Number</li> <li>• DOT, ADR, IMDG, IATA</li> <li>• UN proper shipping name</li> <li>• DOT</li> </ul>	Polyamines, liquid, corrosive, n.o.s. (Isophoronediamine, m phenylenebis(methylamine))			
• UN-Number     • DOT, ADR, IMDG, IATA     • UN proper shipping name	Polyamines, liquid, corrosive, n.o.s. (Isophoronediamine, m phenylenebis(methylamine)) 2735 Polyamines, liquid, corrosive, n.o.s. (Isophoronediamine, m			
<ul> <li>UN-Number</li> <li>DOT, ADR, IMDG, IATA</li> <li>UN proper shipping name</li> <li>DOT</li> <li>ADR</li> </ul>	Polyamines, liquid, corrosive, n.o.s. (Isophoronediamine, m phenylenebis(methylamine)) 2735 Polyamines, liquid, corrosive, n.o.s. (Isophoronediamine, m phenylenebis(methylamine))			
<ul> <li>• UN-Number</li> <li>• DOT, ADR, IMDG, IATA</li> <li>• UN proper shipping name</li> <li>• DOT</li> </ul>	Polyamines, liquid, corrosive, n.o.s. (Isophoronediamine, m phenylenebis(methylamine)) 2735 Polyamines, liquid, corrosive, n.o.s. (Isophoronediamine, m phenylenebis(methylamine)) POLYAMINES, LIQUID, CORROSIVE, N.O.S			
<ul> <li>UN-Number</li> <li>DOT, ADR, IMDG, IATA</li> <li>UN proper shipping name</li> <li>DOT</li> <li>ADR</li> <li>IMDG, IATA</li> </ul>	Polyamines, liquid, corrosive, n.o.s. (Isophoronediamine, m phenylenebis(methylamine)) 2735 Polyamines, liquid, corrosive, n.o.s. (Isophoronediamine, m phenylenebis(methylamine))			
<ul> <li>UN-Number</li> <li>DOT, ADR, IMDG, IATA</li> <li>UN proper shipping name</li> <li>DOT</li> <li>ADR</li> <li>IMDG, IATA</li> <li>Transport hazard class(es)</li> </ul>	Polyamines, liquid, corrosive, n.o.s. (Isophoronediamine, m phenylenebis(methylamine)) 2735 Polyamines, liquid, corrosive, n.o.s. (Isophoronediamine, m phenylenebis(methylamine)) POLYAMINES, LIQUID, CORROSIVE, N.O.S			
<ul> <li>UN-Number</li> <li>DOT, ADR, IMDG, IATA</li> <li>UN proper shipping name</li> <li>DOT</li> <li>ADR</li> <li>IMDG, IATA</li> </ul>	Polyamines, liquid, corrosive, n.o.s. (Isophoronediamine, m phenylenebis(methylamine)) 2735 Polyamines, liquid, corrosive, n.o.s. (Isophoronediamine, m phenylenebis(methylamine)) POLYAMINES, LIQUID, CORROSIVE, N.O.S			
<ul> <li>UN-Number</li> <li>DOT, ADR, IMDG, IATA</li> <li>UN proper shipping name</li> <li>DOT</li> <li>ADR</li> <li>IMDG, IATA</li> <li>Transport hazard class(es)</li> </ul>	Polyamines, liquid, corrosive, n.o.s. (Isophoronediamine, m phenylenebis(methylamine)) 2735 Polyamines, liquid, corrosive, n.o.s. (Isophoronediamine, m phenylenebis(methylamine)) POLYAMINES, LIQUID, CORROSIVE, N.O.S			
<ul> <li>UN-Number</li> <li>DOT, ADR, IMDG, IATA</li> <li>UN proper shipping name</li> <li>DOT</li> <li>ADR</li> <li>IMDG, IATA</li> <li>Transport hazard class(es)</li> </ul>	Polyamines, liquid, corrosive, n.o.s. (Isophoronediamine, m phenylenebis(methylamine)) 2735 Polyamines, liquid, corrosive, n.o.s. (Isophoronediamine, m phenylenebis(methylamine)) POLYAMINES, LIQUID, CORROSIVE, N.O.S			
<ul> <li>UN-Number</li> <li>DOT, ADR, IMDG, IATA</li> <li>UN proper shipping name</li> <li>DOT</li> <li>ADR</li> <li>IMDG, IATA</li> <li>Transport hazard class(es)</li> </ul>	Polyamines, liquid, corrosive, n.o.s. (Isophoronediamine, m phenylenebis(methylamine)) 2735 Polyamines, liquid, corrosive, n.o.s. (Isophoronediamine, m phenylenebis(methylamine)) POLYAMINES, LIQUID, CORROSIVE, N.O.S			
<ul> <li>UN-Number</li> <li>DOT, ADR, IMDG, IATA</li> <li>UN proper shipping name</li> <li>DOT</li> <li>ADR</li> <li>IMDG, IATA</li> <li>Transport hazard class(es)</li> </ul>	Polyamines, liquid, corrosive, n.o.s. (Isophoronediamine, m phenylenebis(methylamine)) 2735 Polyamines, liquid, corrosive, n.o.s. (Isophoronediamine, m phenylenebis(methylamine)) POLYAMINES, LIQUID, CORROSIVE, N.O.S			
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acc. to OSHA HCS

Printing date 04/03/2017

**AKEMI**<sup>®</sup>

	(Contd. of pa
Label	8
IMDG, IATA	
Class	8 Corrosive substances
Label	8
Packing group DOT, ADR, IMDG, IATA	III
Environmental hazards:	
Marine pollutant:	No
Special precautions for user	Warning: Corrosive substances
Danger code (Kemler): EMS Number:	80 F-A,S-B
Segregation groups	Alkalis
Stowage Category	A
Segregation Code	SG35 Stow "separated from" acids.
Transport in bulk according to Annex MARPOL73/78 and the IBC Code	II of Not applicable.
Transport/Additional information:	
DOT	
Quantity limitations	On passenger aircraft/rail: 5 L
	On cargo aircraft only: 60 L
ADR	
Excepted quantities (EQ)	Code: E1
	Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
IMDG	
Limited quantities (LQ)	5L
Excepted quantities (EQ)	Code: E1
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 1000 ml
UN "Model Regulation":	UN 2735 POLYAMINES, LIQUID, CORROSIVE, N.( (ISOPHORONEDIAMINE, M-PHENYLENEBIS(METHYLAMINE III

#### 15 Regulatory information

#### · Safety, health and environmental regulations/legislation specific for the substance or mixture

· Sara

Section 355 (extremely hazardous substances):

108-95-2 phenol

Section 313 (Specific toxic chemical listings):

25154-52-3 nonylphenol

108-95-2 phenol

TSCA (Toxic Substances Control Act):

All ingredients are listed.

(Contd. on page 13)



Printing date 04/03/2017

Reviewed on 04/03/2017

Trade name: Akepox 2010 Com	ponent B					
·	·	(Contd. of page 12)				
Proposition 65						
Chemicals known to cause ca	ncer:					
None of the ingredients is liste	d.					
Chemicals known to cause rep	productive toxicity for f	emales:				
None of the ingredients is liste	d.					
Chemicals known to cause rep	productive toxicity for i	nales:				
None of the ingredients is listed.						
Chemicals known to cause developmental toxicity:						
None of the ingredients is listed.						
· Cancerogenity categories						
• EPA (Environmental Protection Agency)						
108-95-2 phenol		D, I				
• TLV (Threshold Limit Value es	• TLV (Threshold Limit Value established by ACGIH)					
108-95-2 phenol		A4				
• MAK (German Maximum Worl	(place Concentration)					
108-95-2 phenol		3B				
• NIOSH-Ca (National Institute f	or Occupational Safet	v and Health)				
None of the ingredients is liste		<u>y and Housing</u>				
· GHS label elements		classified and labeled according to the Globally Harmonized				
	System (GHS).	•				
<ul> <li>Hazard pictograms</li> </ul>	GHS05 GHS0	07 GHS08				
		di 1306				
<ul> <li>Signal word</li> </ul>	Danger					
Hazard-determining component						
<u>of labeling:</u>	nonylphenol Formaldehyde, j Benzyl alcohol m-phenylenebis	3,5,5-trimethylcyclohexylamine polymer with 1,3-phenylenebis(methylamine) and phenol (methylamine)				
Hazard statements	H302 Harmful if H314 Causes se H317 May cause H341 Suspected H361 Suspected	Aminosilane H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H317 May cause an allergic skin reaction. H341 Suspected of causing genetic defects. H361 Suspected of damaging fertility or the unborn child. H373 May cause damage to organs through prolonged or repeated exposure.				
Precautionary statements	P260 P280	Do not breathe vapours. Wear protective gloves/protective clothing/eye protection/face protection.				
		<ul><li>53 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.</li><li>38 If in eyes: Rinse cautiously with water for several minutes.</li></ul>				
		Remove contact lenses, if present and easy to do. Continue rinsing.				
	P333+P313 P301+P312	If skin irritation or rash occurs: Get medical advice/attention. IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.				
	P405	Store locked up. (Contd. on page 14)				

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Reviewed on 04/03/2017

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Fililing date 04/03/2017					
Trade name: Akepox 2010 Component B					
	P501	(Contd. of page 13) Dispose of contents/container in accordance with local/ regional/national/international regulations.			
<ul> <li>National regulations:</li> </ul>					
<ul> <li>Information about limitation of use:</li> </ul>	Employment restrictions concerning young persons must be observed. Employment restrictions concerning pregnant and lactating women must be observed.				
<ul> <li>Water hazard class:</li> </ul>	Water hazard class	ss 2 (Self-assessment): hazardous for water.			
· VOC USA	200.0 g/l / 1.67 lb/gl				
· Chemical safety assessment:	A Chemical Safety Assessment has not been carried out.				
product features and shall not established		However, this shall not constitute a guarantee for any specific contractual relationship.			
<ul> <li><u>Department issuing SDS:</u></li> <li><u>Contact:</u></li> <li><u>Date of preparation / last revision</u></li> <li><u>Abbreviations and acronyms:</u></li> </ul>	Dieter Zimmerman Elke Hake Fon ++49 (0)911 ( @mail E.Hake@a 04/03/2017 / 3 RID: Règlement interm fer (Regulations Conce ICAO: International Cir ADR: Accord europé Agreement concerning IMDG: International Air DOT: US Department IATA: International Air ACGIH: American Cor EINECS: European International Air CAS: Chemical Abstra NFPA: National Fire P	64296-59 Ikemi.de ational concernant le transport des marchandises dangereuses par chemin de erning the International Transport of Dangerous Goods by Rail) vil Aviation Organisation en sur le transport des marchandises dangereuses par Route (European g the International Carriage of Dangerous Goods by Road) aritime Code for Dangerous Goods of Transport Association forence of Governmental Industrial Hygienists ventory of Existing Commercial Chemical Substances st of Notified Chemical Substances icts Service (division of the American Chemical Society) rotection Association (USA) erials Identification System (USA) ation, 50 percent percent			