

# SAFETY DATA SHEET

Regulation (EC) No. 1907/2006 and (EG) 830/2015

20 January 2017 DKH S16 Issue C

## Product Data – Perform Granite Gloss

### 1 Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Product Name: Perform Granite Gloss  
Part Numbers: BMP310

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Polisher for Granite

#### 1.3 Details of the supplier of the safety data sheet:

DK Holdings Ltd  
Station Approach  
Staplehurst  
Kent  
TN12 0QN  
+44 (0) 1580 891662  
E-mail: info@dk-holdings.co.uk

#### 1.4 Emergency telephone number

Emergency Action: In the event of a medical enquiry involving this product, please contact your doctor or local hospital accident and emergency department.

### 2 Hazards Identification

#### 2.1 Classification of the substance or mixture

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP). However, since the product contains hazardous substances in concentrations such as to be declared in section no. 3, it requires a safety data sheet with appropriate information, compliant to EC Regulation 1907/2006 and subsequent amendments.

##### Hazard classification and indication

-

#### 2.2 Label Element

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

##### Pictogram

-

Signal Word: -

##### Hazard statement code(s)

EUH210 Safety data sheet available on request

##### Precautionary statements

-

#### 2.3 Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0.1%.

### 3 Composition/Information on ingredients

#### 3.2 Chemical composition: Mixtures

Components	CAS-No EC-No Reg-No	x = Conc. %	Classification 1272/2008 (CLP)
Tin Oxide	18282-10-5 242-159-0 01-2119946062-44-0002	$5 \leq x < 10$	Substance with a community workplace exposure limit

The full text of Hazard statement codes are listed under heading 16

### 4 First Aid Measures

#### 4.1 Description of first aid measures:

Not specifically necessary. Observance of good industrial hygiene is recommended.

#### 4.2 Most important symptoms and effects, both acute and delayed.

No episodes of damage to health ascribable to the product have been reported.

#### 4.3 Indication of any immediate medical attention and special treatment needed.

Information not available.

### 5 Fire Fighting Measures

#### 5.1 Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be of the conventional kind; carbon dioxide, foam, powder and water spray.

UNSUITABLE EXTINGUISHING EQUIPMENT

None in particular.

#### 5.2 Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products.

#### 5.3 Advice for firefighters.

GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO Specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

### 6 Accidental Release Measures

#### 6.1 Personal precautions, protective equipment and emergency procedures.

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

## 6.2 Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

## 6.3 Methods and material for containment and cleaning up

Collect the leaked product into a suitable container. If the product is flammable, use explosion-proof equipment. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

## 6.4 Reference to other sections

For personal protection, see section 8.

For compatibility of containers, see section 10.

For disposal of spillage, see section 13.

# 7 Handling and Storage

## 7.1 Precautions for safe handling

Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.

## 7.2 Conditions for safe storage, including any incompatibilities

Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.

## 7.3 Specific end use(s)

Information not available.

# 8 Exposure Controls/Personal Protection

## 8.1 Control parameters

Regulatory References:

EU                      OEL EU                      Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; Directive 2000/39/EC

T

Tin Oxide			
Threshold Limit Value.			
Type	Country	TWA/8h mg/m <sup>3</sup> ppm	STEL/15min mg/m <sup>3</sup> ppm
OEL	EU	2	

**Legend:**

(C) = Ceiling : INHAL = Inhalable Fraction : RESP = Respirable Fraction : THORA = Thoracic Fraction.

## 8.2 Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration. Personal protective equipment must be CE marked, showing that it complies with applicable standards

### Hand Protection

Protect hands with category III work gloves (see standard EN 374).

The following should be considered when choosing work glove material; compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

### Skin Protection

Wear category I professional long-sleeved overalls and safety footwear (see Directive 89/686/EEC and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

### Eye Protection

Wear airtight protective goggles (see standard EN166)

### Respiratory protection

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type B filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (See standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

### Environmental exposure controls

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

## 9 Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

Appearance:	Paste.
Colour:	White.
Odour:	Odourless.
Odour threshold:	Not available.
pH-value (Conc.):	Not available.
Melting point/freezing point:	Not available.
Initial boiling point:	Not applicable.
Boiling range	Not available.
Flash point (°C):	> 60 °C
Evaporation rate (°C):	Not available.
Flammability (solid, gas):	Not available.
Lower inflammability limit:	Not available.
Upper inflammability limit:	Not available..
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure:	Not available.
Vapour density:	Not available.
Relative density:	Not available.
Solubility:	Soluble in water
Partition coefficient: n-octanol/water:	Not available.
Auto-ignition temperature:	Not available.
Decomposition temperature:	Not available.
Viscosity:	Not available.
Explosive properties:	Not available.
Oxidising properties:	Not available..

## 9.2 Other information:

VOC (Directive 2010/75/EC):	0
VOC (volatile carbon):	0

## 10 Stability and Reactivity

### 10.1 Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

### 10.2 Chemical stability

The product is stable in normal conditions of use and storage.

### 10.3 Possibility of hazardous reactions

No hazardous reactions are foreseeable in normal conditions of use and storage.

### 10.4 Conditions to avoid

None in particular. However the usual precautions used for chemical products should be respected.

### 10.5 Incompatible materials

Information not available.

### 10.6 Hazardous decomposition products

Information not available.

## 11 Toxicological Information

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification. It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

### 11.1 Information on toxicological effects

#### Acute Toxicity

LC <sub>50</sub> (Inhalation – vapours) of the mixture:	Not classified (no significant component).
LC <sub>50</sub> (Inhalation – mists/powders) of the mixture:	Not classified (no significant component).
LD <sub>50</sub> (Oral) of the mixture:	Not classified (no significant component).
LD <sub>50</sub> (Dermal) of the mixture:	Not classified (no significant component).

#### Skin Corrosion / Irritation

Does not meet the classification criteria for this hazard class.

#### Serious Eye Damage / Irritation

Does not meet the classification criteria for this hazard class.

#### Respiratory or Skin Sensitisation

Does not meet the classification criteria for this hazard class.

#### Germ Cell Mutagenicity

Does not meet the classification criteria for this hazard class.

#### Carcinogenicity.

Does not meet the classification criteria for this hazard class.

#### Reproductive Toxicity

Does not meet the classification criteria for this hazard class.

#### STOT – Single Exposure

Does not meet the classification criteria for this hazard class.

#### STOT – Repeated Exposure

Does not meet the classification criteria for this hazard class.

#### Aspiration Hazard

Does not meet the classification criteria for this hazard class.

## 12 Ecological Information

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

### 12.1 Toxicity

Information not available.

### 12.2 Persistence and degradability

Information not available.

### 12.3 Bioaccumulative potential

Information not available.

### 12.4 Mobility in soil

Information not available.

### 12.5 Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0.1%.

### 12.6 Other adverse effects

Information not available.

## 13 Disposal Considerations

### 13.1 Waste treatment methods

Reuse, when possible. Neat product residues should be considered special non-hazardous waste. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

#### Contaminated Packaging

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

## 14 Transport Information

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

### 14.1 UN number.

Not applicable.

### 14.2 UN proper shipping name.

Not applicable

### 14.3 Transport hazard class(es)

Not applicable.

### 14.4 Packing group

Not applicable.

### 14.5 Environmental hazards

Not applicable.

### 14.6 Special precautions for user

Not applicable.

### 14.7 Transport in bulk according to Annex II or MARPOL 73/78 and the IBC Code

Information not relevant.

## 15 Regulatory Information

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

Seveso Category – Directive 2012/18/EC:

None

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

None.

Substances in Candidate List (Art.59 REACH)

On the basis of available data, the product does not contain any SVHC in percentage greater than 0.1%.

Substances subject to authorisation (Annex XIV REACH)

None.

Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012.

None

Substances subject to the Rotterdam Convention:

None.

Substances subject to the Stockholm Convention:

None.

Healthcare controls.

Information not available.

### 15.2 Chemical safety assessment

No chemical safety assessment has been processed for the mixture and the substances it contains.

## 16 Other Information

The full text of Hazard statement Codes mentioned in section 2-3 of the sheet:

EUH210 Safety data sheet available on request.

### Issue C: 20/01/2017

Changes have been made in all sections.

Safety data sheet according to Regulation (EC) No. 1907/2006 and (EG) 830/2015.

### Previous versions:

Issue A: 12.09.2012

Issue B: 18.08.2015

### Explanation of abbreviations (Legend)

ADR: European Agreement concerning the carriage of Dangerous goods by Road

CAS-number: Chemical Abstracts Service Number

CE<sub>50</sub>: Effective concentration (required to induce a 50% effect)

CE number: Identifier in ESIS (European archive of existing substances)

CLP: EC Regulation 1272/2008

DNEL: Derived No Effect Level

EmS: Emergency Schedule

GHS: Globally Harmonized System of classification and labelling of chemicals.

IATA DGR: International Air Transport Association Dangerous Goods Regulation.

IC<sub>50</sub>: Immobilization Concentration 50%.

IMDG: International Maritime Code for Dangerous goods

IMO: International Maritime Organization.

Index Number: Identifier in Annex VI of CLP.

LC<sub>50</sub>: Lethal concentration 50%.

LD<sub>50</sub>: Lethal Dose 50%

OEL: Occupational Exposure Level

PBT: Persistent bioaccumulative and toxic as REACH Regulation.

PEC: Predicted environmental Concentration.

PEL: Predicted exposure level.  
PNEC: Predicted no effect concentration.  
REACH: EC Regulation 1907/2006  
RID: Regulation concerning the international transport of dangerous goods by train.  
TLV: Threshold Limit Value.  
TLV Ceiling: Concentration that should not be exceeded during any time of occupational exposure.  
TWA STEL: Short-term exposure limit.  
TWA: Time-weighted average exposure limit.  
VOC: Volatile organic Compounds.  
vPvB: Very persistent and Very Bio accumulative as for REACH Regulation.  
WGK: Water hazard classes (German).

#### General Bibliography

1. Regulation (EU) 1907/2006 (REACH) of the European Parliament
2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
3. Regulation (EU) 790/2009 (I Atp. CLP) of the European Parliament
4. Regulation (EU) 2015/830 of the European Parliament.
5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament.
6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament

The Merck Index – 10<sup>th</sup> edition

Handling Chemical Safety

INRS – Fiche Toxicologique (toxicological sheet)

Patty – Industrial Hygiene and Toxicology

N.I. Sax – Dangerous properties of Industrial Materials-7, 1989 Edition.

ECHA website

#### Note to users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

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