NEWLINE INDUSTRIES

SAFETY DATA SHEET

Issue Date 22-Apr-2013

Revision Date 1-Dec-2014

Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

| Product Identifier Product Name | G-STRIP | |
|--|-------------------------------|--|
| Other Means of Identification | | |
| SDS # | NL-305 | |
| UN/ID No | UN2491 | |
| Product Code | EPC 6 | |
| Recommended Use of the Cher | nical and Restrictions on Use | |
| Recommended Use | Floor Finish Stripper | |
| Details of the Supplier of the Sa Supplier Address NEWLINE IND. 111 HIGHLINE DR LONGWOOD, FL 32750 | <u>ifety Data Sheet</u> | |
| Emergency Telephone Number | | |
| Company Phone Number | 877-678-2028 | |
| Emergency Telephone | 800-535-5053 | |
| | 2. HAZARDS IDENTIFICATION | |

| Acute toxicity - Inhalation (Dusts/Mists) | Category 4 |
|--|---------------------------|
| Skin Corrosion/Irritation | Category 1 Sub-category C |
| Specific target organ toxicity (single exposure) | Category 3 |

<u>Signal Word</u> Danger

Hazard Statements

Harmful if inhaled Causes severe skin burns and eye damage May cause respiratory irritation. May cause drowsiness or dizziness



Physical State Liquid

Precautionary Statements - Prevention

Use only outdoors or in a well-ventilated area Do not breathe dust/fume/gas/mist/vapors/spray Wash face, hands and any exposed skin thoroughly after handling Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediately call a POISON CENTER or doctor/physician IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower Wash contaminated clothing before reuse IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing Call a POISON CENTER or doctor/physician if you feel unwell IF SWALLOWED: Rinse mouth. DO NOT induce vomiting

Precautionary Statements - Storage

Store locked up Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards Not Otherwise Classified (HNOC)

May be harmful if swallowed May be harmful in contact with skin

Other Hazards

Toxic to aquatic life with long lasting effects Toxic to aquatic life

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No | Weight-% |
|---------------------------------------|-------------|----------|
| Water | 7732-18-5 | 30-40 |
| Benzyl alcohol | 100-51-6 | 20-30 |
| Monoethanolamine | 141-43-5 | 10-20 |
| 3-Methoxy-3-Methyl-1-Butanol | 56539-66-3 | 10-20 |
| Tall Oil Fatty Acid | 61790-12-3 | 5-15 |
| Iminodisuccinic Acid Tetrasodium Salt | 144538-83-0 | <5 |

4. FIRST AID MEASURES

| Inhalation | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. |
|--|--|
| Eye Contact | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately. |
| Ingestion | Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell. |
| Skin Contact | Wash off immediately with plenty of water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation persists, call a physician. |
| Most Important Symptoms and Effe | ects, both Acute and Delayed |
| Symptoms | Prolonged contact may cause painful stinging or burning of eyes and lids, watering of eye, and irritation. Prolonged contact may even cause severe skin irritation or mild burn. |
| Indication of any Immediate Medical Attention and Special Treatment Needed | |
| Note to Physicians | Treat symptomatically. |

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Not determined.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

| Personal Precautions | Use personal protective equipment as required. | |
|--|---|--|
| Environmental Precautions | See Section 12 for additional ecological information. | |
| Methods and Material for Containn | nent and Cleaning Up | |
| Methods for Containment | Prevent further leakage or spillage if safe to do so. | |
| Methods for Cleaning Up | Keep in suitable, closed containers for disposal. | |
| 7. HANDLING AND STORAGE | | |
| Precautions for Safe Handling | | |
| Advice on Safe Handling | Handle in accordance with good industrial hygiene and safety practice. Use only in well- ventilated areas. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands, and any exposed skin thoroughly after handling. Use personal protection recommended in Section 8. | |
| Conditions for Safe Storage, Including any Incompatibilities | | |
| Storage Conditions | Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. | |

Incompatible Materials Strong acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|------------------------------|---------------------------|---|---|
| Monoethanolamine 141-43-5 | STEL: 6 ppm TWA: 3 ppm | TWA: 3 ppm TWA: 6 mg/m ³ (vacated) TWA: 3 ppm (vacated) TWA: 8 mg/m ³ (vacated) STEL: 6 ppm (vacated) STEL: 15 mg/m ³ | IDLH: 30 ppm TWA: 3 ppm TWA: 8 mg/m ³ STEL: 6 ppm STEL: 15 mg/m ³ |

Appropriate Engineering Controls

Engineering Controls Apply technical measures to comply with the occupational exposure limits.

Individual Protection Measures, such as Personal Protective Equipment

| Eye/Face Protection | Wear approved safety goggles. |
|--------------------------|--|
| Skin and Body Protection | Wear suitable protective clothing. |
| Respiratory Protection | Ensure adequate ventilation, especially in confined areas. |

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

| Physical State Appearance Color | Liquid Clear Amber Clear Amber | Odor Odor Threshold | Not determined Not determined |
|---|--|-------------------------|----------------------------------|
| Property pH Melting Point/Freezing Point Boiling Point/Boiling Range Flash Point Evaporation Rate Flammability (Solid, Gas) Upper Flammability Limits Lower Flammability Limit Vapor Pressure Vapor Density Specific Gravity Water Solubility Solubility in Other Solvents Partition Coefficient Autoignition Temperature Decomposition Temperature Kinematic Viscosity Dynamic Viscosity Explosive Properties Oxidizing Properties | Values11.2Not determinedNot determinedNot determinedNot determinedn/a-liquidNot determinedNot determined | <u>Remarks • Method</u> | |

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to Avoid

Keep out of reach of children.

Incompatible Materials

Strong acids.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

| Product Information | |
|---------------------|--|
| Inhalation | Harmful if inhaled. |
| Eye Contact | Causes severe eye damage. |
| Skin Contact | Causes severe skin burns. May be harmful in contact with skin. |
| Ingestion | May be harmful if swallowed. |

Component Information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---------------------|-------------------|-----------------------------------|--------------------|
| Benzyl alcohol | = 1230 mg/kg(Rat) | = 2000 mg/kg (Rabbit) | = 8.8 mg/L(Rat)4 h |
| 100-51-6 | | | |
| Monoethanolamine | = 1720 mg/kg(Rat) | = 1 mL/kg (Rabbit) = 1025 mg/kg | - |
| 141-43-5 | | (Rabbit) | |
| Tall Oil Fatty Acid | = 7600 mg/kg(Rat) | - | - |
| 61790-12-3 | | | |

Information on Physical, Chemical and Toxicological Effects

Symptoms

Please see section 4 of this SDS for symptoms.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

| Carcinogenicity | Carcinogenic potential is unknown. |
|-----------------|------------------------------------|
|-----------------|------------------------------------|

STOT - Single Exposure May cause respiratory irritation. May cause drowsiness or dizziness.

Numerical Measures of Toxicity

Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic organisms. Toxic to aquatic life with long lasting effects.

| Chemical Name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|-----------------------------------|--|---|--|-------------------------------------|
| Benzyl alcohol 100-51-6 | 35: 3 h Anabaena variabilis mg/L EC50 | 460: 96 h Pimephales promelas mg/L LC50 static 10: 96 h Lepomis macrochirus mg/L LC50 static | EC50 = 50 mg/L 5 min EC50 = 63.7 mg/L 15 min EC50 = 63.7 mg/L 5 min EC50 = 71.4 mg/L 30 min | 23: 48 h water flea mg/L EC50 |
| Monoethanolamine 141-43-5 | 15: 72 h Desmodesmus subspicatus mg/L EC50 | 227: 96 h Pimephales promelas mg/L LC50 flow- through 3684: 96 h Brachydanio rerio mg/L LC50 static 300 - 1000: 96 h Lepomis macrochirus mg/L LC50 static 114 - 196: 96 h Oncorhynchus mykiss mg/L LC50 static 200: 96 h Oncorhynchus mykiss mg/L LC50 flow-through | | 65: 48 h Daphnia magna mg/L EC50 |
| Tall Oil Fatty Acid 61790-12-3 | 1000: 72 h Pseudokirchneriella subcapitata mg/L EC50 | | | |

Persistence and Degradability

Not determined

Bioaccumulation

Not determined

Mobility

| Chemical Name | Partition Coefficient |
|---------------------|-----------------------|
| Benzyl alcohol | 1.1 |
| 100-51-6 | |
| Monoethanolamine | -1.91 |
| 141-43-5 | |
| Tall Oil Fatty Acid | 4.89 - 5.98 |
| 61790-12-3 | |

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

| Disposal of Wastes | Disposal should be in accordance with applicable regional, national and local laws and regulations. |
|------------------------|---|
| Contaminated Packaging | Disposal should be in accordance with applicable regional, national and local laws and regulations. |

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances. DOT UN/ID No UN2491 **Proper Shipping Name** Ethanolamine solutions Hazard Class 8 **Packing Group** Ш IATA UN/ID No UN2491 **Proper Shipping Name** Ethanolamine solution **Hazard Class** 8 **Packing Group** Ш IMDG UN/ID No UN2491 Ethanolamine solution **Proper Shipping Name** Hazard Class 8 **Packing Group** Ш

15. REGULATORY INFORMATION

International Inventories

Not Determined

Legend:

 TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

 DSLINDSL - Canadian Domestic Substances List/Non-Domestic Substances List

 EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

 ENCS - Japan Existing and New Chemical Substances

 IECSC - China Inventory of Existing Chemical Substances

 KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

US Federal Regulations

SARA 313

Not determined

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals.

| Chemical Name | California Proposition 65 | |
|----------------------------|---------------------------|--|
| Diethanolamine* - 111-42-2 | Carcinogen | |

* Diethanolamine is present in trace amounts in Ethanolamine

U.S. State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|---------------------|------------|---------------|--------------|
| Benzyl alcohol | | Х | Х |
| 100-51-6 | | | |
| Monoethanolamine | Х | Х | Х |
| 141-43-5 | | | |
| Methoxy-3-methyl-1- | Х | - | Х |
| butanol | | | |

16. OTHER INFORMATION

| Issue Date | 22-Apr-2013 | |
|---------------|--------------------|--|
| Revision Date | 1-Dec-2014 | |
| Revision Note | Revised Section 15 | |

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet