1. IDENTIFICATION

Product Identifier
Product Name
Slide Resin Remover Aerosol

Other means of identification
SDS #
41914

Product Code
41914

Synonyms
Cyclic amide and lactone blend
"The Stripper"

UN/ID No
UN1950

Other Information
Formula: 41914

Recommended use of the chemical and restrictions on use
Recommended Use
Industrial mold cleaner.

Details of the supplier of the safety data sheet
Supplier Address
Slide Products Inc.
430 S. Wheeling Road
Wheeling, IL 60090

Emergency Telephone Number
Company Phone Number
Phone: 1-847-541-7220
Fax: 1-847-541-7986

Emergency Telephone (24 hr)
INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance pale straw colored liquid

Physical State Aerosol

Odor Fishy

Classification

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity - Inhalation (Vapors)</td>
<td>Category 4</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Category 2</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Category 2</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>Category 1B</td>
</tr>
<tr>
<td>Specific target organ toxicity (single exposure)</td>
<td>Category 3</td>
</tr>
<tr>
<td>Specific target organ toxicity (repeated exposure)</td>
<td>Category 2</td>
</tr>
<tr>
<td>Flammable Aerosols</td>
<td>Category 2</td>
</tr>
<tr>
<td>Gases Under Pressure</td>
<td>Compressed Gas</td>
</tr>
</tbody>
</table>

Hazard Not Otherwise Classified (HNOC)
May be harmful if swallowed
May be harmful in contact with skin

Signal Word
Danger
**Hazard Statements**

- Harmful if inhaled
- Causes skin irritation
- Causes serious eye irritation
- May damage fertility or the unborn child
- May cause respiratory irritation. May cause drowsiness or dizziness
- May cause damage to organs through prolonged or repeated exposure

**Flammable Aerosol**

Contains gas under pressure; may explode if heated

---

**Precautionary Statements - Prevention**

- Obtain special instructions before use
- Do not handle until all safety precautions have been read and understood
- Use personal protective equipment as required
- Use only outdoors or in a well-ventilated area
- Wash face, hands and any exposed skin thoroughly after handling
- Wear eye/face protection
- Do not breathe dust/fume/gas/mist/vapors/spray
- Keep away from heat/sparks/open flames/hot surfaces. — No smoking
- Do not spray on an open flame or other ignition source
- Pressurized container: Do not pierce or burn, even after use

**Precautionary Statements - Response**

- If exposed or concerned: Get medical advice/attention
- 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: Wash with plenty of soap and water
- If skin irritation occurs: Get medical advice/attention
- Take off contaminated clothing and wash it before reuse
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

**Precautionary Statements - Storage**

- Store locked up
- Store in a well-ventilated place. Keep container tightly closed
- Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

**Precautionary Statements - Disposal**

- Dispose of contents/container to an approved waste disposal plant

**Other Hazards**

Harmful to aquatic life with long lasting effects
3. COMPOSITION/INFORMATION ON INGREDIENTS

**Synonyms**
Cyclic amide and lactone blend
"The Stripper"

**Chemical Family**
Lactone.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butyrolactone</td>
<td>96-48-0</td>
<td>30-40</td>
</tr>
<tr>
<td>1-Methyl-2-pyrrolidone</td>
<td>872-50-4</td>
<td>30-40</td>
</tr>
<tr>
<td>1-bromopropane</td>
<td>106-94-5</td>
<td>20-30</td>
</tr>
<tr>
<td>Propane</td>
<td>68476-86-8</td>
<td>1-10</td>
</tr>
</tbody>
</table>

**If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.**

4. FIRST-AID MEASURES

**First Aid Measures**

**General Advice**
If exposed or concerned: Get medical advice/attention.

**Eye Contact**
Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Call a physician immediately. Apply ice pack.

**Skin Contact**
Wash with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. Call a physician if you feel unwell. Apply hand cream. If skin irritation occurs: Get medical advice/attention.

**Inhalation**
Remove victim to fresh air and keep at rest in a position comfortable for breathing.

**Ingestion**
Clean mouth with water and drink afterwards plenty of water.

**Most important symptoms and effects**

**Symptoms**
Breathing vapors may result in headaches, nausea, and irritation to the lungs. Skin contact can lead to drying, defatting, itching, stinging and irritation. Eyes may have symptoms of redness, itching, irritation and watering from overexposure.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician**
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**
Dry chemical. Foam. Carbon dioxide (CO2).

**Unsuitable Extinguishing Media**
Water.

**Specific Hazards Arising from the Chemical**
Chlorinated hydrocarbons form HCl and traces of phosgene upon pyrolysis. Aerosols may rupture violently at temperatures above 120 F. Aerosol flame projection test: 18” extension at 70 F.

**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 containment and cleaning up**

**Methods for Containment** Remove leaking container to outside disposal site. Remove all sources of ignition.

**Methods for Clean-Up** Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on Safe Handling** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protection recommended in Section 8. Use only in well-ventilated areas. Wash face, hands, and any exposed skin thoroughly after handling. Do not breathe dust/fume/gas/mist/vapors/spray. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Do not spray near open flame. Pressurized container: Do not pierce or burn, even after use. Do not spray on painted surfaces: product will damage varnish and alkyd coatings. Do not spray on floors.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Protect from direct sunlight. Do not store at temperatures above 120°F.

**Incompatible Materials** Water. free-radical generators.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-bromopropane</td>
<td>TWA: 10 ppm</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>106-94-5</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Appropriate engineering controls**

**Engineering Controls** Apply technical measures to comply with the occupational exposure limits. Ensure adequate ventilation, especially in confined areas.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Proper eye care is needed in all industrial operations. Wear safety glasses with side shields (or goggles).

**Skin and Body Protection** Wear protective Neoprene™ gloves.

**Respiratory Protection** No protection is ordinarily required under normal conditions of use and with adequate ventilation.

**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

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Aerosol</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Pale straw colored liquid</td>
<td>Odor</td>
</tr>
<tr>
<td>Color</td>
<td>Pale straw</td>
<td>Odor Threshold</td>
</tr>
<tr>
<td>pH</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Melting Point/Freezing Point</td>
<td>&lt; -42.8 °C / &lt; -45 °F</td>
<td></td>
</tr>
<tr>
<td>Boiling Point/Boiling Range</td>
<td>39.4-204 °C / 103-399 °F</td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>slow, several hours</td>
<td></td>
</tr>
<tr>
<td>Flammability (Solid, Gas)</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Upper Flammability Limits</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Lower Flammability Limit</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>0 mmHg</td>
<td>@ 20 °C</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>&gt;1</td>
<td></td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.15</td>
<td></td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Partially soluble</td>
<td></td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Partition Coefficient</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Kinematic Viscosity</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Dynamic Viscosity</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Explosive Properties</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>VOC Content (%)</td>
<td>100%</td>
<td></td>
</tr>
</tbody>
</table>

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
Avoid temperatures above 120°F. Avoid direct sunlight.

Incompatible Materials
Water. free-radical generators.

Hazardous Decomposition Products
Chlorinated hydrocarbons form HCl and traces of phosgene upon pyrolysis.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact Causes serious eye irritation.

Skin Contact Causes skin irritation. May be harmful in contact with skin.
Inhalation  Harmful if inhaled.

Ingestion  May be harmful if swallowed.

Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Methyl-2-pyrrolidone</td>
<td>= 3598 mg/kg (Rat)</td>
<td>= 2500 mg/kg (Rat) &gt; 5000 mg/kg (Rabbit)</td>
<td>= 3.1 mg/L (Rat) 4 h</td>
</tr>
<tr>
<td>872-50-4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1-bromopropane</td>
<td>= 3600 mg/kg (Rat)</td>
<td>-</td>
<td>= 253 g/m³ (Rat) 30 min</td>
</tr>
<tr>
<td>106-94-5</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Information on physical, chemical and toxicological effects

Symptoms  Breathing vapors may result in headaches, nausea, and irritation to the lungs. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis. Exposed individuals may experience eye tearing, redness, and discomfort.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity  Not classifiable as a human carcinogen.

Legend

IARC (International Agency for Research on Cancer)
Group 3 IARC components are "not classifiable as human carcinogens"

Reproductive toxicity  May damage fertility or the unborn child.

STOT - single exposure  May cause respiratory irritation. May cause drowsiness or dizziness.

STOT - repeated exposure  May cause damage to organs through prolonged or repeated exposure.

Numerical measures of toxicity
Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity
Harmful to aquatic life with long lasting effects. Contains no ozone depleting chemicals.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Toxicity to microorganisms</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Methyl-2-pyrrolidone</td>
<td>500: 72 h Desmodesmus subspicatus mg/L EC50</td>
<td>832: 96 h Lepomis macrochirus mg/L LC50 static 4000: 96 h Leuciscus idus mg/L LC50 static 1072: 96 h Pimephales promelas mg/L LC50 static 1400: 96 h Poecilia reticulata mg/L LC50 static</td>
<td>4897: 48 h Daphnia magna mg/L EC50</td>
<td></td>
</tr>
<tr>
<td>872-50-4</td>
<td>360: 72 h Desmodesmus subspicatus mg/L EC50 79: 96 h Desmodesmus subspicatus mg/L EC50</td>
<td>220 - 460: 96 h Leuciscus idus mg/L LC50 static</td>
<td>500: 48 h Daphnia magna Straus mg/L EC50</td>
<td></td>
</tr>
<tr>
<td>Butyrolactone</td>
<td>99-48-0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>96-48-0</td>
<td>67.3: 96 h Pimephales promelas mg/L LC50 flow-through</td>
<td>220 - 460: 96 h Leuciscus idus mg/L LC50 static</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Persistence/Degradability
Not determined.
Bioaccumulation
Not determined.

Mobility

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Partition Coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Methyl-2-pyrrolidone</td>
<td>-0.46</td>
</tr>
<tr>
<td>872-50-4</td>
<td></td>
</tr>
<tr>
<td>Butyrolactone</td>
<td>-0.566</td>
</tr>
<tr>
<td>96-48-0</td>
<td></td>
</tr>
<tr>
<td>1-bromopropane</td>
<td>2.1</td>
</tr>
<tr>
<td>106-94-5</td>
<td></td>
</tr>
<tr>
<td>Propane</td>
<td>&lt;=2.8</td>
</tr>
<tr>
<td>68476-86-8</td>
<td></td>
</tr>
</tbody>
</table>

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
Empty fully, including gas pressure. Do not puncture or incinerate cans. Empty containers should be taken to an approved waste handling site for recycling or disposal. Dispose of in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

Note
Based on package size, product may be eligible for limited quantity exception.

DOT

UN/ID No: UN1950
Proper Shipping Name: Aerosols
Hazard Class: 2.1

IATA

UN/ID No: UN1950
Proper Shipping Name: Aerosols, flammable
Hazard Class: 2.1

IMDG

UN/ID No: UN1950
Proper Shipping Name: Aerosols
Hazard Class: 2.1

15. REGULATORY INFORMATION

International Inventories

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>TSCA</th>
<th>DSL</th>
<th>NDSL</th>
<th>EINECS</th>
<th>ELINCS</th>
<th>ENCS</th>
<th>IECSC</th>
<th>KECL</th>
<th>PICCS</th>
<th>AICS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butyrolactone</td>
<td>Present</td>
<td>X</td>
<td></td>
<td>Present</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>1-Methyl-2-pyrrolidone</td>
<td>Present</td>
<td>X</td>
<td></td>
<td>Present</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>1-bromopropane</td>
<td>Present</td>
<td>X</td>
<td></td>
<td>Present</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Propane</td>
<td>Present</td>
<td>X</td>
<td></td>
<td>Present</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>
US Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
<th>SARA 313 - Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Methyl-2-pyrrolidone - 872-50-4</td>
<td>872-50-4</td>
<td>36</td>
<td>1.0</td>
</tr>
</tbody>
</table>

US State Regulations

California Proposition 65
This product contains the following Proposition 65 chemicals.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Proposition 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Methyl-2-pyrrolidone - 872-50-4</td>
<td>Developmental</td>
</tr>
<tr>
<td>1-bromopropane - 106-94-5</td>
<td>Developmental Female Reproductive</td>
</tr>
</tbody>
</table>

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Methyl-2-pyrrolidone - 872-50-4</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>1-bromopropane - 106-94-5</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA Health Hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Special Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS Health Hazards</th>
<th>Flammability</th>
<th>Physical Hazards</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>3</td>
<td>0</td>
<td>B</td>
</tr>
</tbody>
</table>

Issue Date: 01-Sep-2012
Revision Date: 02-Aug-2018
Revision Note: Regulatory updated

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