



SAFETY DATA SHEET

Issue Date 01-Sep-2012

Revision Date 29-Nov-2012

Version 1

1. IDENTIFICATION

Product Identifier

Product Name Slide Resin Remover Aerosol

Other means of identification

SDS # 41914

UN/ID No UN1950

Product Code 41914

Synonyms Cyclic amide and lactone blend
"The Stripper"

Other Information Formula: 41914.

Recommended use of the chemical and restrictions on use

Recommended Use Resin remover.

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 INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Classification

| | |
|--|-------------|
| Acute toxicity - Dermal | Category 4 |
| Acute toxicity - Inhalation (Vapors) | Category 4 |
| Skin corrosion/irritation | Category 2 |
| Serious eye damage/eye irritation | Category 2A |
| Reproductive toxicity | Category 1B |
| Specific target organ toxicity (single exposure) | Category 3 |
| Specific target organ toxicity (repeated exposure) | Category 2 |
| Flammable Aerosols | Category 2 |

Signal word

Danger

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Hazard statements

Harmful if inhaled
Harmful in contact with skin
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
Pressurized container: May burst if heated



Appearance pale straw colored liquid

Physical state Aerosol

Odor fishy

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
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
If eye irritation persists: Get medical advice/attention
IF ON SKIN: Wash with plenty of soap and water
Call a POISON CENTER or doctor/physician if you feel unwell
If skin irritation occurs: Get medical advice/attention
Take off contaminated clothing and wash 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

Hazards not otherwise classified (HNOC)

May be harmful if swallowed

Other Information

- Harmful to aquatic life with long lasting effects
- Harmful to aquatic life

3. COMPOSITION/INFORMATION ON INGREDIENTS

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Synonyms Cyclic amide and lactone blend
"The Stripper".

Chemical Family Lactone.

| Chemical Name | CAS No | Weight-% | Trade Secret |
|------------------------|----------|----------|--------------|
| gamma-butyrolactone | 96-48-0 | 35-40 | * |
| 1-Methyl-2-pyrrolidone | 872-50-4 | 35-40 | * |
| n-Propyl bromide | 106-94-5 | 25-30 | * |
| Propane | 74-98-6 | 1-10 | * |

4. FIRST AID MEASURES

First aid measures

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

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

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.

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

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.

Most important symptoms and effects, both acute and delayed

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

Note to physicians 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

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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 cleaning 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 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

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|------------------------------|---------------|---|---|
| n-Propyl bromide 106-94-5 | TWA: 10 ppm | - | - |
| Propane 74-98-6 | TWA: 1000 ppm | TWA: 1000 ppm TWA: 1800 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m ³ | IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m ³ |

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

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Information on basic physical and chemical properties

| | | | |
|------------------------------|---------------------------|-------------------------|----------------|
| Physical state | Aerosol | Odor | fishy |
| Appearance | pale straw colored liquid | Odor threshold | Not determined |
| Color | pale straw | | |
| Property | Values | Remarks • Method | |
| pH | Not determined | | |
| Melting point/freezing point | < -42.8 °C / <-45 °F | | |
| Boiling point/boiling range | 39.4-204 °C / 103-399 °F | | |
| Flash point | Not determined | | |
| Evaporation rate | slow, several hours | | |
| Flammability (solid, gas) | Not determined | | |
| Flammability Limits in Air | | | |
| Upper flammability limits | 10 | | |
| Lower flammability limit | 1 | | |
| Vapor pressure | 0 mmHg | @ 20 C | |
| Vapor density | >1 | | |
| Specific Gravity | 1.15 | | |
| Water solubility | partially soluble | | |
| Solubility in other solvents | Not determined | | |
| Partition coefficient | Not determined | | |
| Autoignition temperature | Not determined | | |
| Decomposition temperature | Not determined | | |
| Kinematic viscosity | Not determined | | |
| Dynamic viscosity | Not determined | | |
| Explosive properties | Not determined | | |
| Oxidizing properties | Not determined | | |

Other Information

VOC Content (%) 100%

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

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| | |
|---------------------|---|
| Inhalation | Harmful if inhaled. |
| Eye contact | Causes serious eye irritation. |
| Skin Contact | Harmful in contact with skin. Causes skin irritation. |
| Ingestion | May be harmful if swallowed. |

Component Information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|------------------------------------|----------------------|--|-------------------------------------|
| 1-Methyl-2-pyrrolidone 872-50-4 | 3598 mg/kg (Rat) | 2000 mg/kg (Rabbit) 2500 mg/kg (Rat) | 3.1 mg/L (Rat) 4 h |
| gamma-butyrolactone 96-48-0 | = 1540 mg/kg (Rat) | - | > 2.68 mg/L (Rat) 4 h |
| n-Propyl bromide 106-94-5 | 3600 mg/kg (Rat) | - | 253 g/m ³ (Rat) 30 min |
| Propane 74-98-6 | - | - | 658 mg/L (Rat) 4 h |

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 Carcinogenic potential is unknown.

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|--------------------------------|-------|---------|-----|------|
| gamma-butyrolactone 96-48-0 | | Group 3 | | |

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- Product

Not determined

The following values are calculated based on chapter 3.1 of the GHS document .

| | |
|--------------------------------------|------------|
| ATEmix (oral) | 2480 mg/kg |
| ATEmix (dermal) | 1498 mg/kg |
| ATEmix (inhalation-gas) | 700 mg/l |
| ATEmix (inhalation-dust/mist) | 5.5 mg/l |
| ATEmix (inhalation-vapor) | 2.7 mg/l |

12. ECOLOGICAL INFORMATION

Ecotoxicity

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

| Chemical Name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|---------------|----------------------|------|----------------------------|-----------|
| | | | | |

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| | | | |
|------------------------------------|---|--|---|
| 1-Methyl-2-pyrrolidone 872-50-4 | >500: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50 | 1072: 96 h <i>Pimephales promelas</i> mg/L LC50 static 1400: 96 h <i>Poecilia reticulata</i> mg/L LC50 static 4000: 96 h <i>Leuciscus idus</i> mg/L LC50 static 832: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static | 4897: 48 h <i>Daphnia magna</i> mg/L EC50 |
| gamma-butyrolactone 96-48-0 | 360: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50 79: 96 h <i>Desmodesmus subspicatus</i> mg/L EC50 | 220 - 460: 96 h <i>Leuciscus idus</i> mg/L LC50 static | 500: 48 h <i>Daphnia magna</i> Straus mg/L EC50 |
| n-Propyl bromide 106-94-5 | | 67.3: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through | |

Persistence and degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Not determined.

| Chemical Name | Partition coefficient |
|------------------------------------|-----------------------|
| gamma-butyrolactone 96-48-0 | -0.566 |
| 1-Methyl-2-pyrrolidone 872-50-4 | 0 |
| Propane 74-98-6 | 2.3 |

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

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

(each not exceeding 1 L capacity)
UN/ID No UN1950
Proper shipping name Aerosols
Hazard Class 2.1

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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

TSCA Listed

Legend:

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

DSL/NDSL - 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

| Chemical Name | CAS No | Weight-% | SARA 313 - Threshold Values % |
|-----------------------------------|----------|----------|-------------------------------|
| 1-Methyl-2-pyrrolidone - 872-50-4 | 872-50-4 | 35-40 | 1.0 |

SARA 311/312 Hazard Categories

US State Regulations

| Chemical Name | California Proposition 65 |
|-----------------------------------|---|
| 1-Methyl-2-pyrrolidone - 872-50-4 | Developmental |
| n-Propyl bromide - 106-94-5 | Developmental Female Reproductive Male Reproductive |

U.S. State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|------------------------------------|------------|---------------|--------------|
| 1-Methyl-2-pyrrolidone 872-50-4 | X | X | X |
| n-Propyl bromide 106-94-5 | X | X | X |
| Propane 74-98-6 | X | X | X |

U.S. EPA Label Information

16. OTHER INFORMATION

NFPA

Health hazards

Flammability

Instability

Special Hazards

Not determined

Not determined

Not determined

Not determined

HMIS

Health hazards

Flammability

Physical hazards

Personal protection

2

3

0

B

Issue Date

01-Sep-2012

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Revision Note

new format

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