



Safety Data Sheet

Issue Date: 01-Sep-2012

Revision Date: 01-Jan-2015

Version 2

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

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

Hazards 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

**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.

Chemical Name	CAS No	Weight-%
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	68476-86-8	1-10

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

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
n-Propyl bromide 106-94-5	TWA: 10 ppm	-	-

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

Physical State	Aerosol	Odor	Fishy
Appearance	pale straw colored liquid	Odor Threshold	Not determined
Color	Pale straw		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
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	
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	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	
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

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

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
1-Methyl-2-pyrrolidone 872-50-4	= 3598 mg/kg (Rat)	= 2500 mg/kg (Rat) > 5000 mg/kg (Rabbit)	= 3.1 mg/L (Rat) 4 h
n-Propyl bromide 106-94-5	= 3600 mg/kg (Rat)	-	= 253 g/m ³ (Rat) 30 min

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

Carcinogenicity	Not classifiable as a human carcinogen.
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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.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
1-Methyl-2-pyrrolidone 872-50-4	500: 72 h Desmodesmus subspicatus mg/L EC50	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		4897: 48 h Daphnia magna mg/L EC50
gamma-butyrolactone 96-48-0	360: 72 h Desmodesmus subspicatus mg/L EC50 79: 96 h Desmodesmus subspicatus mg/L EC50	220 - 460: 96 h Leuciscus idus mg/L LC50 static		500: 48 h Daphnia magna Straus mg/L EC50
n-Propyl bromide 106-94-5		67.3: 96 h Pimephales promelas mg/L LC50 flow-through		

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Chemical Name	Partition Coefficient
1-Methyl-2-pyrrolidone 872-50-4	-0.46
gamma-butyrolactone 96-48-0	-0.566
n-Propyl bromide 106-94-5	2.1
Propane 68476-86-8	<=2.8

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**

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
gamma-butyrolactone	Present	X		Present		Present	X	Present	X	X
1-Methyl-2-pyrrolidone	Present	X		Present		Present	X	Present	X	X
n-Propyl bromide	Present	X		Present		Present	X	Present	X	X
Propane	Present	X		Present			X	Present	X	X

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**AICS - Australian Inventory of Chemical Substances***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

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
1-Methyl-2-pyrrolidone - 872-50-4	872-50-4	36	1.0

US State Regulations**California Proposition 65**

This product contains the following Proposition 65 chemicals.

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

16. OTHER INFORMATION**NFPA****Health Hazards**

Not determined

Flammability

Not determined

Instability

Not determined

Special Hazards

Not determined

HMIS**Health Hazards**

2

Flammability

3

Physical Hazards

0

Personal Protection

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01-Sep-2012

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01-Jan-2015

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