



SAFETY DATA SHEET

Issue Date 01-Sep-2012

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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

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

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

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

Information on basic physical and chemical properties

Physical state	Aerosol		
Appearance	pale straw colored liquid	Odor	fishy
Color	pale straw	Odor threshold	Not determined
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**

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

1-Methyl-2-pyrrolidone 872-50-4	>500: 72 h Desmodesmus subspicatus mg/L EC50	1072: 96 h Pimephales promelas mg/L LC50 static 1400: 96 h Poecilia reticulata mg/L LC50 static 4000: 96 h Leuciscus idus mg/L LC50 static 832: 96 h Lepomis macrochirus 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 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

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
Not determined

Flammability
Not determined

Instability
Not determined

Special Hazards
Not determined

HMIS

Health hazards
2

Flammability
3

Physical hazards
0

Personal protection
B

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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