Safety Data Sheet

Issue Date: 06-Jul-2016 **Revision Date:** 15-Mar-2018 **Version** 1

1. IDENTIFICATION

Product Identifier

Product Name Slide Resin Remover Aerosol

Other means of identification

SDS # 41914C-DME

Product Code 41914C-DME
Synonyms Cyclic amide and lactone blend
"The Stripper"
UN/ID No UN1950

Recommended use of the chemical and restrictions on use

Recommended Use Industrial mold cleaner

Uses Advised Against Use only as directed

Details of the supplier of the safety data sheet

Initial Supplier Address
DME Moulding Supplies
6210 Northwest Drive
Mississauga, Ontario L4V 1J6
905-677-6370

Manufacturer Address
Slide Products Inc.
430 S. Wheeling Road
Wheeling, IL 60090

Emergency Telephone Number

Initial supplier phone number Please enter Initial Suppliers Phone Number here
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. **Odour** Fishy

Classification

Acute toxicity - Inhalation (Vapours)	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
Gases under pressure	Compressed Gas

Label Elements

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
Do not breathe dust/fume/gas/mist/vapours/spray
Avoid release to the environment

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
Take off contaminated clothing and wash it before reuse
If skin irritation occurs: Get medical advice/attention
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Call a POISON CENTER or doctor/physician

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

Other Information
Harmful to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Synonyms Cyclic amide and lactone blend
"The Stripper".

Chemical Family Lactone.

Chemical Name	CAS No	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
gamma-butyrolactone	96-48-0	36	-	-
1-Methyl-2-pyrrolidone	872-50-4	36	-	-
n-Propyl bromide	106-94-5	25	-	-
Propane	68476-86-8	3	-	-

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 doctor 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.

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

Note to doctors 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" flame projection.

Explosion Data

Sensitivity to Mechanical Impact None.
Sensitivity to Static Discharge None.

Special protective equipment for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation.

Environmental precautions

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 Pick up and transfer to properly labelled containers.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

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/vapours/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 cool, well-ventilated place. Store locked up. Protect from sunlight. Do not store at temperatures above 120°F.

Incompatible Materials Water Free-radical generators

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits .

Chemical Name	Canada - Alberta - Occupational Exposure Limits - Ceilings	Canada - British Columbia - Occupational Exposure Limits - Ceilings	Canada - Ontario - Occupational Exposure Limits - Ceilings	Quebec
1-Methyl-2-pyrrolidone 872-50-4			TWA: 400 mg/m^3	
n-Propyl bromide 106-94-5	TWA: 10 ppm TWA: 50 mg/m^3	TWA: 10 ppm Adverse reproductive effect	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).
Hand protection	Wear protective Neoprene™ gloves.
Skin and body protection	No special protective equipment required.
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
Colour	Pale straw
Odour	Fishy
Odour Threshold	No information available

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	
Vapour Pressure	0 mmHg	@ 20 C
Vapour Density	>1	
Relative Density	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	No information available.	
Oxidising properties	No information available.	

Other Information

Softening Point	No information available
Molecular weight	No information available
VOC Content (%)	100%
Density	No information available
Bulk Density	No information available

10. STABILITY AND REACTIVITY

Reactivity	Not reactive under normal conditions.
Chemical Stability	Stable under normal 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.

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.

Acute Toxicity

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

ATEmix (oral) 2,530.00
ATEmix (dermal) 3,673.00
ATEmix (inhalation-gas) 1,944.00
ATEmix (inhalation-dust/mist) 8.10

Unknown acute toxicity No information available

Component Information

Chemical Name	ATEmix (oral)	ATEmix (dermal)	Inhalation LC50
gamma-butyrolactone 96-48-0	= 1540 mg/kg (Rat)	-	> 5100 mg/m^3 (Rat) 4 h
1-Methyl-2-pyrrolidone 872-50-4	= 3914 mg/kg (Rat)	= 8 g/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

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

Carcinogenicity Not classifiable as a human carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
gamma-butyrolactone 96-48-0	-	Group 3		-
n-Propyl bromide 106-94-5	A3		Reasonably Anticipated	X

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)
A3 - Animal Carcinogen
IARC (International Agency for Research on Cancer)
Group 3 IARC components are "not classifiable as human carcinogens"
NTP (National Toxicology Program)
Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen
OSHA (Occupational Safety and Health Administration of the US Department of Labour)
X - Present

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.

12. ECOLOGICAL INFORMATION

Ecotoxicity Harmful to aquatic life with long lasting effects.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
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
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 1400: 96 h Poecilia reticulata mg/L LC50 static 1072: 96 h Pimephales promelas mg/L LC50 static		4897: 48 h Daphnia magna mg/L EC50
n-Propyl bromide 106-94-5	-	67.3: 96 h Pimephales promelas mg/L LC50 flow-through		-

Persistence/Degradability No information available.

Bioaccumulation No information available.

Mobility .

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

Other Adverse Effects No information available.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Waste from residues/unused products Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

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

TDG

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

DOT

UN/ID No UN1950
Hazard Class 2.1

IATA

UN/ID No UN1950
Proper Shipping Name Aerosols, flammable

IMDG

UN/ID No UN1950
Hazard Class 2.1

15. REGULATORY INFORMATION

International Regulations

Ozone-depleting substances (ODS) Not applicable

Persistent Organic Pollutants Not applicable

Export Notification requirements Not applicable

International Inventories

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

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

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

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

Issue Date: 06-Jul-2016
Revision Date: 15-Mar-2018
Revision Note: No information available.

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