Safety Data Sheet

Issue Date: 01-Sep-2012 **Revision Date:** 18-Dec-2018 **Version** 1

1. Identification

Product identifier

Product Name Slide Resin Remover Aerosol

Other means of identification

SDS # 41914-MX

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 Industrial mold cleaner

Details of the supplier of the safety data sheet

Manufacturer Address
Slide Products Inc.
430 Wheeling Road
Wheeling, Il 60090
Phone: 1-847-541-7220
Fax: 1-847-541-7986

Emergency telephone number

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

2. Hazard(s) identification

Classification

Acute toxicity - Oral	Category 5 - (H303)
Acute toxicity - Dermal	Category 5 - (H313)
Skin corrosion/irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 2 - (H319)
Reproductive toxicity	Category 1B - (H360)
Specific target organ toxicity (single exposure)	Category 3 - (H335,H336)
Specific target organ toxicity (repeated exposure)	Category 2 - (H373)
Flammable aerosols	Category 2 -(H223)
Gases under pressure	Compressed gas -(H280)

Label elements

Signal word
Danger

Hazard statements
H303 - May be harmful if swallowed
H313 - May be harmful in contact with skin
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H360 - May damage fertility or the unborn child
H335 - May cause respiratory irritation
H373 - May cause damage to organs through prolonged or repeated exposure
H223 - Flammable aerosol
H280 - Contains gas under pressure; may explode if heated

Exclamation mark
Health hazard
Flame
Gas cylinder

Precautionary Statements - Prevention
P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P264 - Wash face, hands and any exposed skin thoroughly after handling
P260 - Do not breathe dust/fume/gas/mist/vapors/spray
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P211 - Do not spray on an open flame or other ignition source
P251 - Pressurized container: Do not pierce or burn, even after use

Precautionary Statements - Response
P308 + P313 - IF exposed or concerned: Get medical advice/attention

Eyes
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P337 + P313 - If eye irritation persists: Get medical advice/attention

Skin
P302 + P352 - IF ON SKIN: Wash with plenty of water and soap
P362 + P364 - Take off contaminated clothing and wash it before reuse
P332 + P313 - If skin irritation occurs: Get medical advice/attention

Precautionary Statements - Storage
P405 - Store locked up
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed
P410 + P412 - 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 Information
Harmful to aquatic life with long lasting effects

3. Composition/information on ingredients

Substance
Not applicable.

Mixture

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

4. First-aid measures

Description of first aid measures

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

Inhalation Remove to fresh air.

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.

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

Most important symptoms and effects, both acute and delayed

Symptoms. Breathing vapors can result in headaches, nausea, and irritation to the lungs Skin contact can lead to drying, defatting, itching, stinging and irritation Eyes can 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.

Explosion Data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

Special protective actions 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 Use personal protective equipment as required.

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 Keep in suitable, closed containers for disposal.

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. Wash face, hands and any exposed skin thoroughly after handling. Do not breathe dust/fume/gas/mist/vapors/spray. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. 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 sunlight. Do not store at temperatures above 120°F.

8. Exposure controls/personal protection

Control parameters

Exposure Limits This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

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
Color	Pale straw
Odor	Fishy
Odor Threshold	Not determined

Property	**Values**	**Remarks • Method**
pH	No data available	
Melting point / freezing point	< -42.8 °C / -45 °F	
Boiling point / boiling range	39.4-204 °C / 103-399 °F	
Flash point	No data available	
Evaporation Rate	slow, several hours	
Flammability (Solid, Gas)	No data available	
Flammability Limit in Air		
Upper flammability or explosive limits	10	
Lower flammability or explosive limits	1	
Vapor Pressure	0 mmHg	
Vapor Density	>1	
Relative Density	1.15	
Water Solubility	partially soluble	
Solubility in other solvents	No data available	
Partition Coefficient	No data available	
Autoignition temperature	No data available	
Decomposition temperature	No data available	
Kinematic viscosity	No data available	
Dynamic Viscosity	No data available	

Other information

Oxidizing properties	No data available
Explosive properties	No data available
Molecular weight	No data available
VOC Content (%)	100
Liquid Density	No data available
Bulk density	No data 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 .

Inhalation Do not inhale.

Eye contact Avoid contact with eyes.

Skin contact May be harmful in contact with skin.

Ingestion May be harmful if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Please see section 4 of this SDS for symptoms.

Acute toxicity

Numerical measures of toxicity

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

Oral LD50	3,069.90 mg/kg
ATEmix (dermal)	3,672.80 mg/kg
ATEmix (inhalation-dust/mist)	12.75 mg/l
ATEmix (inhalation-vapor)	289.22 mg/l

Unknown acute toxicity 0 % of the mixture consists of ingredient(s) of unknown toxicity
0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
1-Methyl-2-pyrrolidone 872-50-4	= 3914 mg/kg (Rat)	= 8 g/kg (Rabbit)	> 5.1 mg/L (Rat) 4 h
n-Propyl bromide 106-94-5	> 2000 mg/kg (Rat) = 3600 mg/kg (Rat)	> 2000 mg/kg (Rat)	= 253 g/m^3 (Rat) 30 min = 14374 ppm (Rat) 4 h

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

Interactive effects Not classified.

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/eye irritation Causes serious eye irritation.

Respiratory or skin sensitization Not classified.

Germ cell mutagenicity Not classified.

Carcinogenicity Not classifiable as a human carcinogen.

Chemical name	ACGIH	IARC	NTP	Mexico
n-Propyl bromide 106-94-5	A3	Group 2B	Reasonably Anticipated	-

Reproductive toxicity May damage fertility or the unborn child.

STOT - single exposure May cause respiratory irritation.

STOT - repeated exposure May cause damage to organs.

Aspiration hazard Not classified.

Other information Not classified.

12. Ecological information

Ecotoxicity Harmful to aquatic life with long lasting effects.

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 832: 96 h Lepomis macrochirus mg/L LC50 static 1400: 96 h Poecilia reticulata mg/L LC50 static 4000: 96 h Leuciscus idus 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 No data available.

Bioaccumulation There is no data for this product.

Component Information

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 data available.

13. Disposal considerations

Waste Treatment Methods

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

Contaminated packaging Do not reuse empty containers.

14. Transport information

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

MEX

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

TDG

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

DOT

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

IATA

UN number	UN1950
Proper Shipping Name	aerosols, flammable
Transport hazard class(es)	2.1

IMDG

UN number	UN1950
Proper Shipping Name	Aerosols
Transport hazard class(es)	2.1

15. Regulatory information

REGULATORY INFORMATION

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

International Inventories

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

NFPA	**Health hazards** Not determined	**Flammability** Not determined	**Instability** Not determined	**Physical and chemical properties** Not determined
HMIS	**Health hazards** 2	**Flammability** 3	**Physical hazards** 0	**Personal protection** B

Key or legend to abbreviations and acronyms used in the safety data sheet

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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

Key literature references and sources for data used to compile the SDS
Agency for Toxic Substances and Disease Registry (ATSDR)
U.S. Environmental Protection Agency ChemView Database
European Food Safety Authority (EFSA)
EPA (Environmental Protection Agency)
Acute Exposure Guideline Level(s) (AEGL(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
U.S. Environmental Protection Agency High Production Volume Chemicals
Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
Japan GHS Classification
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine's PubMed database (NLM PUBMED)
National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications
Organization for Economic Co-operation and Development High Production Volume Chemicals Program
Organization for Economic Co-operation and Development Screening Information Data Set
RTECS (Registry of Toxic Effects of Chemical Substances)
World Health Organization

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Revision Note: New format.

NOM-018-STPS-2015
The information is believed to be accurate, but it is not exhaustive and must be used only as guidance. It is based on the current state of knowledge of the chemical substance or mixture and is applicable to the appropriate safety precautions for the product.

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