

MATERIAL SAFETY DATA SHEET

SLIDE PRODUCTS, INC.  
430 S. WHEELING ROAD  
WHEELING, IL 60090

PRODUCT NAME: BULK RESIN REMOVER

EMERGENCY TELEPHONE: 800-535-5053  
INFORMATION TELEPHONE: 847-541-7220  
FAX NUMBER: 847-541-7986  
PREPARED BY: JIM ARMSTRONG

REVISION DATE: SEPT. 1, 2009  
PRODUCT NUMBER: 419 Bulk  
D.U.N.S. NUMBER: 00-299-4168

**THIS MSDS IS APPLICABLE TO: 41901B, 41905B and 41955B UNITS**

**SECTION I. IDENTIFICATION**

CHEMICAL NAME: LACTONE AND CYCLIC AMIDE BLEND  
CHEMICAL FAMILY: SEE ABOVE  
FORMULA: 41901B, 41905B, and 41955B  
SYNONYMS: THE "STRIPPER"  
CHEMICAL ABSTRACT REGISTRY NUMBER: N/A, MIXTURE  
H.M.I.S. RATING: 2, 1, 0, G

**1, 5, & 55 GALLON SHIPPING INFORMATION:**

DOT SHIPPING NAME: COMBUSTIBLE LIQUID N.O.S.  
IDENTIFICATION NUMBER: NA 1993  
PACKING GROUP: III

IN ACCORDANCE WITH 49 CFR 173.150 (f) (2), NON-BULK QUANTITIES OF THIS MATERIAL MAY BE SHIPPED AS NON REGULATED FOR USA DOMESTIC **GROUND** SHIPMENTS

**SECTION II. PHYSICAL DATA**

BOILING POINT: 399 DEGREES F.  
FREEZING POINT: -22 DEGREES  
SPECIFIC GRAVITY (H2O = 1): 1.12  
WEIGHT PER GALLON @ 60 F.: 9.38  
VAPOR PRESSURE @ 70 F. (MM HG): 6  
VAPOR DENSITY (AIR = 1): >1  
SOLUBILITY IN WATER, % BY WEIGHT: PARTIALLY WATER-MISCIBLE  
PERCENT VOLATILE BY WEIGHT: 100%  
EVAPORATION RATE (MINUTES): SEVERAL HOURS, SLOW  
APPEARANCE AND ODOR: PALE STRAW-COLORED LIQUID – FISHY ODOR

**SECTION III. HAZARDOUS INGREDIENTS**

MATERIAL:	APPROX. WT. %:	CAS NUMBER:	PEL(OSHA):
GAMMA-BUTYROLACTONE	77	96-48-0	NOT ESTABLISHED
N-METHYL-2-PYRROLIDONE	23	872-50-4	NOT ESTABLISHED

PEL NOT ESTABLISHED BECAUSE VERY LOW PRESSURE. ORAL LD50 IN WHITE RATS IS 1.5 CC PER KILOGRAM OF BODY WEIGHT.

**SECTION IV. FIRE AND EXPLOSION HAZARD DATA**

FLAMMABLE LIMITS IN AIR: LEL: 1.3 UEL: 16.0 (VOLUME %):  
FLASH POINT: 330 DEGREES F. (FIRE POINT 350°F.)  
EXTINGUISHING MEDIA: CO2, FOAM, DRY CHEMICAL, WATER FOG  
SPECIAL FIRE FIGHTING PROCEDURES: USE SELF-CONTAINED BREATHING APPARATUS  
UNUSUAL FIRE & EXPLOSION HAZARDS: MATERIAL IS COMBUSTIBLE AND MAY FORM TRACES OF HCl, HF AND TRACES OF PHOSGENE UPON PYROLYSIS

---

**SECTION V. REACTIVITY DATA**

---

STABILITY: STABLE

INCOMPATIBILITY (MATERIALS TO AVOID): HEAT, SPARKS, STATIC ELECTRICITY

HAZARDOUS COMBUSTION BY-PRODUCTS: CO, CO2

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: STRONG OXIDIZING AGENTS

---

**SECTION VI. HEALTH HAZARD DATE (ALSO SEE SECTIONS X & XI)**

---

THRESHOLD LIMIT VALUE: NOT ESTABLISHED FOR VERY HIGH BOILING SOLVENTS (399' F.)  
BECAUSE VAPOR LIMITS FOR ANIMAL INHALATION STUDIES CANNOT BE OBTAINED AT  
ROOM TEMPERATURE.

• **EFFECTS OF OVEREXPOSURE \***

INGESTION (SWALLOWING): NAUSEA, VOMITING

INHALATION: UNLIKELY

SKIN CONTACT: DE-FATTING OF SKIN

EYE CONTACT: IRRITATION

• **EMERGENCY AND FIRST AID PROCEDURES \***

INGESTION: GIVE TWO GLASSES WATER, INDUCE VOMITING, CALL PHYSICIAN

SKIN: WASH WITH SOAP AND WATER. APPLY HAND CREAM. LAUNDER CONTAMINATED CLOTHING.

INHALATION: REMOVE TO FRESH-AIR LOCATION AWAY FROM EXPOSURE

EYES: RINSE WITH PLENTY COOL CLEAN WATER UNTIL IRRITATION SUBSIDES

---

**SECTION VII. SPILL OR LEAK PROCEDURES**

---

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: ABSORB ON FIRE-RETARDANT  
SAWDUST OR CLAY-DISPOSE AT APPROPRIATE WASTE DISPOSAL FACILITY IN ACCORDANCE WITH  
APPLICABLE LOCAL, STATE AND FEDERAL REGULATION.

WASTE DISPOSAL METHOD: SUPERVISED INCINERATION IN COMPLIANCE WITH APPLICABLE LAWS  
AND REGULATIONS.

---

**SECTION VIII. SPECIAL PROTECTION INFORMATION**

---

RESPIRATORY PROTECTION (SPECIFY TYPE): NOT NEEDED WITH ADEQUATE VENTILATION

VENTILATION: MECHANICAL (GENERAL) SUGGESTED

PROTECTIVE GLOVES: IMPERVIOUS GLOVES RECOMMENDED

EYE PROTECTION: PROPER EYE CARE IS NEEDED IN ALL INDUSTRIAL OPERATIONS

OTHER PROTECTIVE EQUIPMENT: AS REQUIRED BY YOUR COMPANY

---

**SECTION IX. SPECIAL PRECAUTIONS**

---

CALIFORNIA PROPOSITION 65: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF  
CALIFORNIA TO CAUSE DEVELOPMENTAL HARM

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: DO NOT ALLOW TO FREEZE. STORE IN  
LOCATION AWAY FROM HEAT SOURCES. STORED MATERIAL MUST BE LABELED COMBUSTIBLE.  
DO NOT EAT, DRINK OR SMOKE IN WORK AREA.

OTHER PRECAUTIONS: DO NOT CUT, PUNCTURE OR WELD ON OR NEAR EMPTY CONTAINERS.

**SECTION X. SARA TITLE III REPORTING**

---

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICALS REQUIRED TO BE REPORTED UNDER SARA TITLE III, SECTION 313: N-METHYL-2-PYRROLIDONE, CAS NUMBER 872-50-4. REPORTING REQUIREMENTS UNDER SECTION 304 (CERCLA) ARE 10000 POUNDS OR OVER.

---

THIS DATA IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EXPRESS OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE. THE INFORMATION CONTAINED IN THIS MATERIAL SAFETY DATA SHEET IS BELIEVED TO BE CORRECT AS OF THIS DATE. THE REGULATIONS PROMULGATED BY OSHA FOR HAZARD COMMUNICATION, 29 CFR 1910.1200, AS WELL AS SEVERAL STATE AND LOCAL LAWS AND REGULATIONS, HAVE BEEN CONSULTED IN PREPARING THIS M.S.D.S.

<http://www.slideproducts.com/cleaners.htm>