

MATERIAL SAFETY DATA SHEET

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

PRODUCT NAME: BULK ON/CYCLE MOLD CLEANER

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

REVISION DATE: 9-01-06  
PRODUCT NUMBER: 442 Bulk  
D.U.N.S. NUMBER: 00-299-4168

**THIS MSDS IS APPLICABLE TO: 44201B, 44205B and 44255B UNITS**

**SECTION I. IDENTIFICATION**

CHEMICAL NAME: NATURAL CITRUS OIL  
CHEMICAL FAMILY: TERPENE  
FORMULA: 44201B, 44205B, and 44255B  
SYNONYMS: SLIDE CITRUS MOLD CLEANER  
CHEMICAL ABSTRACT REGISTRY NUMBER: MIXTURE  
H.M.I.S. RATING: 1, 2, 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: 352 DEGREES F.  
FREEZING POINT: NOT MEASURED  
SPECIFIC GRAVITY (H2O = 1): .841  
WEIGHT PER GALLON @ 60 F.: 7.04  
VOLATILE ORGANIC, EXEMPT SOLVENT: 780 GM/LITER  
VAPOR PRESSURE @ 70 F. (MM HG): 1  
VAPOR DENSITY (AIR = 1): 4.7  
SOLUBILITY IN WATER, % BY WEIGHT: SLIGHT  
EVAPORATION RATE (MINUTES): SLOW  
APPEARANCE AND ODOR: CLEAR LIQUID IN AEROSOL, SWEET ODOR  
FLASHPOINT: 122" F. (TAG C.C.)

**SECTION III. HAZARDOUS INGREDIENTS**

MATERIAL:	APPROX. WT. %:	CAS NUMBER:	PEL(OSHA):
NATURAL TERPENE	40	5989-27-5	200 PPM
ISOPROPANOL	30	67-63-0	400
ALIPHATIC HYDROCARBON	30	64742-48-9*	300 PPM

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

FLAMMABLE LIMITS IN AIR: LEL: .7 UEL: 7.0 (VOLUME %):  
FLASH POINT: 122' F. (CLOSED CUP)  
EXTINGUISHING MEDIA: CO2, FOAM, DRY CHEMICAL  
SPECIAL FIRE FIGHTING PROCEDURES: FIREFIGHTERS MUST USE SELF-CONTAINED BREATHING APPARATUS  
UNUSUAL FIRE & EXPLOSION HAZARDS: NONE

---

**SECTION V. REACTIVITY DATA**

---

STABILITY: STABLE

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZING AGENTS

HAZARDOUS COMBUSTION BY-PRODUCTS: CO, CO2

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: KEEP AWAY FROM OPEN FLAMES

---

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

---

THRESHOLD LIMIT VALUE: 200 PPM

- **EFFECTS OF OVEREXPOSURE \***

INGESTION (SWALLOWING): GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING

INHALATION: MAY CAUSE RESPIRATORY SYSTEM IRRITATION OR LIGHT HEADEDNESS

SKIN CONTACT: TEMPORARY DE-FATTING, POSSIBLE IRRITATION

EYE CONTACT: MAY CAUSE EYE IRRITATION

- **EMERGENCY AND FIRST AID PROCEDURES \***

SKIN: WASH WITH SOAP AND WATER. APPLY HAND CREAM. .

INHALATION: REMOVE TO FRESH-AIR LOCATION AWAY FROM EXPOSURE

EYES: FLUSH WITH COOL CLEAN WATER FOR AT LEAST 10 MINUTES – CALL PHYSICIAN

---

**SECTION VII. SPILL OR LEAK PROCEDURES**

---

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: DIKE SPILL, REMOVE WITH ABSORBENT TO APPROVED LANDFILL IN ACCORDANCE WITH APPLICABLE REGULATIONS.

WASTE DISPOSAL METHOD: STANDARD FOR SOLVENT DRUMS, SEND TO LICENSED RECLAIMER.

---

**SECTION VIII. SPECIAL PROTECTION INFORMATION**

---

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

VENTILATION: MECHANICAL IN CONFINED AREAS ONLY.

PROTECTIVE GLOVES: RECOMMENDED BUT NOT REQUIRED

EYE PROTECTION: SAFETY GLASSES OR GOGGLES RECOMMENDED

OTHER PROTECTIVE EQUIPMENT: AS REQUIRED BY YOUR COMPANY

---

**SECTION IX. SPECIAL PRECAUTIONS**

---

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: STORE INDOORS.

OTHER PRECAUTIONS: DO NOT USE NEAR OPEN FLAMES. DO NOT CUT OR WELD ON OR NEAR FULL OR EMPTY CONTAINERS.

---

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>