

MATERIAL SAFETY DATA SHEET

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

PRODUCT NAME: SLIDE ON/CYCLE MOLD CLEANER CYLINDER 44235

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PRODUCT NUMBER: 44235
D.U.N.S. NUMBER: 00-299-4168

SECTION I. IDENTIFICATION

CHEMICAL NAME: NATURAL CITRUS OIL
CHEMICAL FAMILY: TERPENE
FORMULA: 52352
SYNONYMS: CITRUS MOLD CLEANER
DOT HAZARD CLASSIFICATION: 2.1
DOT SHIPPING NAME: COMPRESSED GAS N.O.S. (PROPANE)
CHEMICAL ABSTRACT REGISTRY NUMBER: N/A, MIXTURE
IDENTIFICATION NUMBER: UN 1954
H.M.I.S. RATING: 1,3,O,B
REQUIRED SHIPPING LABELS: FLAMMABLE GAS
PACKING GROUP: NONE

SECTION II. PHYSICAL DATA

BOILING POINT: 352 DEGREES F.
FREEZING POINT: -142' F.
SPECIFIC GRAVITY (H20=1): .841
WEIGHT PER GALLON @ 60F.: 7.018
VOLATILE ORGANIC, EXCEPT SOLVENT: 780 GM/LITER
VAPOR PRESSURE @ 70 F. (MM HG): 1
VAPOR DENSITY (AIR =1): 4.7
SOLUBILITY IN WATER, % BY WT.: SLIGHT
PERCENT VOLATILE BY WEIGHT: 100 %
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. WEIGHT %:	CAS NUMBER:	TLV(UNITS):
NATURAL TURPENE	36	5989-27-5	200 PPM
ALIPHATIC HYDROCARBON	27	64742-48-9*	300 PPM
ISOPROPANOL	27	67-63-0	400 PPM
PROPANE	10	74-98-6	1000 PPM

CONTAINS NO OZONE DEPLETING CHEMICALS

ALL COMPONENTS OF THIS PRODUCT ARE LISTED IN THE TSCA DIRECTORY

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

FLAMMABLE LIMITS IN AIR: LEL: 1.0 UEL: 10.0 (VOLUME %)
FLASH POINT: N/A
AEROSOL FLAME PROJECTION TEST: > 18" AT 70' F
EXTINGUISHING MEDIA: CO2, FOAM, DRY CHEMICAL
SPECIAL FIRE FIGHTING PROCEDURES: FIRE FIGHTERS SHOULD BE EQUIPPED WITH SELF CONTAINING BREATHING APPARATUS.
UNUSUAL FIRE & EXPLOSION HAZARDS: AEROSOLS MAY RUPTURE VIOLENTLY WHEN HEATED TO TEMPERATURES OVER 120" F. VERY FLAMMABLE

SECTION V. REACTIVITY DATA

STABILITY: STABLE
INCOMPATIBILITY (MATERIALS TO AVOID): NONE KNOWN
HAZARDOUS COMBUSTION BY-PRODUCTS: CO, CO₂
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID: DO NOT PUNCTURE OR INCINERATE
STORE BELOW 120° F.

SECTION VI. HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: 200 PPM

- **EFFECTS OF OVEREXPOSURE ***

INGESTION (SWALLOWING): UNLIKELY
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
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: REMOVE LEAKING CONTAINER TO OUTSIDE DISPOSAL SITE.
WASTE DISPOSAL METHOD: EMPTY FULLY, INCLUDING GAS PRESSURE. DO NOT PUNCTURE OR INCINERATE. CAN MAY BE RECYCLED OR ALTERNATIVELY REMOVED TO A SANITARY LANDFILL IN MOST LOCALITIES. CHECK APPLICABLE REGULATIONS.

SECTION VIII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): NOT NEEDED WITH ADEQUATE VENTILATION
VENTILATION: ADEQUATE VENTILATION NEEDED
PROTECTIVE GLOVES: NOT REQUIRED BUT RECOMMENDED
EYE PROTECTION: SAFETY GLASSES SHOULD ALWAYS BE WORN IN AN INDUSTRIAL OPERATION.
OTHER PROTECTIVE EQUIPMENT: NOT NORMALLY REQUIRED

SECTION IX. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: STORE INDOORS, AWAY FROM HEAT OR DIRECT SUNLIGHT ABOVE 120° F.
OTHER PRECAUTIONS: DO NOT DROP. DO NOT SPRAY NEAR OPEN FLAMES. DO NOT PUNCTURE OR INCINERATE EMPTY OR FULL CONTAINERS.

SECTION X.

NO CHEMICALS IN THIS PRODUCT ARE CURRENTLY LISTED AS CARCINOGENS

THIS DATA IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCTS 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>