

MATERIAL SAFETY DATA SHEET

Slide products, Inc.
430 s. Wheeling road
Wheeling, IL 60090

44212 SLIDE ON/CYCLE MOLD CLEANER

Emergency telephone: 800-535-5053

Revision date: 9-1-03

Information telephone: 847-541-7986

Product number: 44212

Fax number: 847-541-7986

D.U.N.S. Number: 00-299-4168

Prepared by: Michael Muth

SECTION I. IDENTIFICATION

Chemical name: natural citrus oil

Chemical family: terpene

Formula: 52352

Synonyms: citrus mold cleaner

Dot hazard classification: ORM-D

Dot shipping name: consumer commodity

Chemical abstract registry number: N/A, mixture

Identification number: none

H.M.I.S. Rating: 1,3,o,b

SECTION II. PHYSICAL DATA

Boiling point: 352 degrees f.

Freezing point: -142' F.

Specific gravity (h20=1): .841

Vapor pressure of concentrate @ 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 | 30-40 | 5989-27-5 | 200 ppm |
| Aliphatic hydrocarbon | 22-32 | 64742-48-9* | 300 ppm |
| Isopropanol | 25-30 | 67-63-0 | 400 ppm |
| Propane | 8-12 | 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 firefighting 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>