

Safety Data Sheet (SDS)

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

D-5 CLEANING COMPOUND, SOLVENT

Product Use: HIGH PERFORMANCE / MULTI-PURPOSE CLEANER / DEGREASER

Green Mountain Corporation

19301 South Santa Fe Avenue, Suite #116
Rancho Dominguez, CA 90221
United States of America
<http://www.biotuffclean.com>

Contact Information

Phone: (310) 637-0460
johns@greenmtncorp.com

Transportation

Phone: (310) 804-2881

Emergency Response

CHEMTREC: (800) 424-9300

Health Emergency

Dial 911

SECTION 2 HAZARDS IDENTIFICATION



Signal Word: WARNING

Health Hazards: Contact with the skin is not expected to cause prolonged or significant irritation. May dry skin.

Precautionary Statements: No specific first aid measures are required. As a precaution, wear gloves and mask for prolonged contact with material. To remove the material from skin, use soap and water.

Eye: Mild eye irritant

Skin: May cause dry skin after prolonged contact.

IMMEDIATE HEALTH EFFECTS

Eye: Flush with plenty of water for at least 10-15 minutes while holding eyelids open. Slight reddening may occur. Seek medical advice if condition persists.

Skin: Can dry out skin after prolonged contact. Wash with water. Seek medical advice if condition persists.

Ingestion: Essentially non-toxic. Drink copious amounts of water. Do not induce vomiting. Seek medical advice if condition persists.

Inhalation: Non toxic. If possible use product in ventilated area. If not, remove to open air periodically to avoid mild nasal irritation.

SECTION 3 COMPOSITION/ INFORMATION ON INGREDIENTS

NO HAZARDOUS COMPONENTS OF THIS PRODUCT EXIST AS COMBINED IN THIS MIXTURE. ACCORDING TO CHEMICAL ANALYSIS, D-5 CONTAINS NO KNOWN EPA PRIORITY POLLUTANTS, HEAVY METALS OR CHEMICALS. THIS PRODUCT FORMULATION IS CONSIDERED A MANUFACTURER'S TRADE SECRET IN ACCORDANCE WITH THE REQUIREMENTS OF NAVY INSTRUCTION #5720.42D ON DECEMBER 4TH, 1987. PLEASE LABEL SDS AS SUCH.

SECTION 4 FIRST AID MEASURES

Eye: Flush with plenty of water for at least 5-10 minutes while holding eyelids open. Slight reddening may occur. Seek medical advice if condition persists.

Skin: Can dry out skin after prolonged contact. Wash with water. Seek medical advice if condition persists.

Ingestion: Essentially non-toxic. Drink copious amounts of water. Do not induce vomiting. Seek medical advice if upset stomach persists.

Inhalation: Non – toxic. If possible, use product in ventilated area. If not, remove to open air periodically to avoid mild nasal irritation.

SECTION 5 FIRE FIGHTING MEASURES

FIRE CLASSIFICATION: D-5 is stable, non-flammable and will not burn.

NFPA RATINGS: Health: 1 Flammability: 0 Reactivity: 1

FLAMMABLE PROPERTIES:

Flashpoint: Over 334 (PMCC)

Auto-ignition: No Data Available

Flammability (Explosive) Limits (% by volume in air): Lower: Not Applicable Upper: Not Applicable

EXTINGUISHING MEDIA: Water spray, dry chemical or CO₂.

PROTECTION OF FIRE FIGHTERS:

Fire Fighting Instructions: D-5 is not flammable.

Combustion Products: D-5 will not combust.

SECTION 6 ACCIDENTAL RELEASE MEASURES

D-5 is biodegradable. Recover usable material by convenient method. Any residual materials can be removed by mop, wet vacuum or wipe. Any unrecoverable material may be washed down the drain with several pails of water as rinse.

SECTION 7 HANDLING AND STORAGE

Precautionary Measures: Keep out of the reach of children.

General Handling Information: Avoid contaminating soil or releasing this material into sewage and drainage systems and bodies of water.

Container Warnings: Container is not designed to contain pressure. Do not use pressure to empty container or it may rupture with explosive force. Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty containers should be completely drained, properly closed, and promptly returned to a drum reconditioning outfit or disposed of properly.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

GENERAL CONSIDERATIONS:

Consider the potential hazards of this material (see Section 3), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment. If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

ENGINEERING CONTROLS:

Use in ventilated area.

PERSONAL PROTECTIVE EQUIPMENT

Eye/Face Protection: No special eye protection is normally required. Where splashing is possible, wear safety glasses with side shields as a good safety practice.

Skin Protection: No special protective clothing is normally required. Where splashing is possible, select protective clothing depending on operations conducted physical requirements and other substances in the workplace. Suggested materials for protective gloves include: 4H (PE/EVAL), Nitrile Rubber, Silver Shield, Viton.

Respiratory Protection: No respiratory protection is normally required.

If user operations generate an mist, determine if airborne concentrations are below the occupational exposure limit for mist. If not, wear an approved respirator that provides adequate protection from the measured concentrations of this material. For air-purifying respirators use a particulate cartridge.

Use a positive pressure air-supplying respirator in circumstances where air-purifying respirators may not provide adequate protection.

Occupational Exposure Limits: N/A

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Attention: the data below are typical values and do not constitute a specification.

Color: Translucent yellow / green with mild odor

Physical State: Liquid

Odor: Butyl

pH: 11.2-11.5

Vapor Pressure: under .01mm

Vapor Density (Air = 1): 1.044 g/ml

Boiling Point: >450 °F

Solubility: Completely soluble in water

Freezing Point: Not Applicable
Melting Point: Not Applicable
VOC: 0.0551 per EPA, 5.51 per CARB, 57.5 per SCAQMD
Specific Gravity: 1.062 @ 60.°F

SECTION 10 STABILITY AND REACTIVITY

Chemical Stability: D-5 is stable in all conditions
Incompatibility With Other Materials: Avoid strong oxidizing agents.
Hazardous Decomposition Products: None known (None expected)
Hazardous Polymerization: Hazardous polymerization will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

IMMEDIATE HEALTH EFFECTS

Oral LD50 (rat) 3100 MG/KG tested as mixture.
Dermal LC50 (rabbit): 62.30278 mg/l tested as mixture
toxicology data available

SECTION 12 Ecological Information: N/A

SECTION 13 DISPOSAL CONSIDERATIONS

UD-5 is completely water soluble and biodegradable. If disposed by sewer or drain, it will not harm sewage treatment micro-organisms. Local, state and federal laws apply regarding disposal.

SECTION 14 TRANSPORT INFORMATION

D-5 has no special transportation requirements.

SECTION 15 REGULATORY INFORMATION

All intentional ingredients of this product are listed.

SECTION 16 OTHER INFORMATION

NFPA RATINGS: Health: 1 Flammability: 0 Reactivity: 1

HMIS RATINGS: Health: 1 Flammability: 0 Reactivity: 1
(0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme, PPE:- Personal Protection Equipment Index recommendation, *- Chronic Effect Indicator). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS ratings).

REVISION STATEMENT: This is a new Safety Data Sheet.

Revision Date: February 1st, 2016