

I. PRODUCT IDENTIFICATION

PRODUCT NAME: Grease & Spot Remover
PRODUCT USE: Concrete degreaser and cleaning agent
WHMIS CLASSIFICATION: B3 D.2B
TDG SHIPPING NAME: Not Regulated

EMERGENCY RESPONSE TELEPHONE NUMBER: CANUTEC (613) 996-6666

II. HAZARDOUS INGREDIENTS

PRODUCT	CAS #	WT. %	TLV-TWA	LD ₅₀	
D-Limonene	5989-27-5	60-100	Undetermined		N/A
Alcohols, C11-15-Secondary, Ethoxylated	68131-40-8	1-5	N/A	N/A	

III. PHYSICAL DATA

ODOUR AND APPEARANCE: Clear orange liquid, with a strong citrus odour
PHYSICAL STATE: Liquid
SPECIFIC GRAVITY: 0.85
pH: N/A
BOILING POINT: 170°C
FREEZING POINT: N/A
VOC CONTENT: Concentrate: 92.7% (0.789 Kg/L)
VAPOUR PRESSURE: 0.25 kPa (1.9 mm Hg)
VAPOUR DENSITY: 4.7 [Air = 1]
EVAPOURATION RATE: <1 (Water = 1)

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IV. FIRE OR EXPLOSION HAZARD

FLAMMABILITY: Flammable

MEANS OF EXTINCTION: Water Fog___, Foam X, CO₂ X, Dry Chemical X, Other___.

FLASH POINT AND METHOD: 49.4°C [Tagliabue]

FLAMMABLE LIMIT:

UPPER: N/D

LOWER: N/D

CONDITIONS OF FLAMMABILITY: COMBUSTIBLE LIQUID AND VAPOR. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back.

V. REACTIVITY DATA

CHEMICAL STABILITY: Stable

INCOMPATIBILITY WITH OTHER SUBSTANCES: Avoid heat, flame, sparks.

Acid X, Base___, Oxidizers X, Water___, Other___.

CONDITIONS OF REACTIVITY: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbond dioxide, carbon monoxide, and other unidentified organic compounds.

VI. TOXICOLOGICAL PROPERTIES

EFFECTS OF OVEREXPOSURE:

INGESTION: May be harmful if swallowed.

INHALATION: Inhalation of vapour or mist may cause headaches, nausea, irritation of nose, throat, and lungs.

SKIN CONTACT AND ABSORPTION: Prolonged or repeated skin contact may cause redness, itching or skin irritation.

EYE CONTACT: Direct contact with material can cause irritation. Inflammation of eye tissue is characterized by redness, watering, and/or itching.

OTHER CHRONIC EFFECTS OF OVEREXPOSURE: MSDS data pertains to the product as dispensed from the container. Adverse health effects would not be expected under recommended conditions of use so long as prescribed safety precautions are practiced. One of the ingredients in this product has caused sensitization reactions in a small percentage of the general population.

CARCINOGENICITY: None

TERATOGENICITY: N/A

MUTAGENICITY: N/A

REPRODUCTIVE TOXICITY: N/A

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VII. FIRST AID MEASURES

EMERGENCY FIRST AID MEASURES:

EYE CONTACT: Flush eyes with a large amount of water for at least 15 minutes. Consult a physician if irritation develops.

SKIN CONTACT: Wash affected skin areas thoroughly with soap and water. Consult a physician if irritation persists.

INGESTION: Do not induce vomiting. If swallowed, give 2 glasses of water to drink. Consult a physician. Never give anything by mouth to an unconscious person.

INHALATION: Move person to fresh air. Consult a physician if irritation persists.

VIII. PREVENTIVE MEASURES

RESPIRATORY: No special measures are required.

EYE: Use chemical splash goggles especially if contact lenses are worn.

SKIN PROTECTION: Nitrile gloves or use gloves with demonstrated resistance to the ingredients in this product, are recommended.

VENTILATION: Ventilation should be equivalent to outdoors. Use exhaust fans and open windows in enclosed spaces.

LEAK AND SPILL PROCEDURES: Immediately eliminate all flame, ignition, and high-heat sources. Contain spill with inert absorbent material. Pick up and place contaminated absorbents in an appropriate disposal container. Wash area down with water.

WASTE DISPOSAL: Dispose of product in accordance with local, provincial and federal regulations. Unusable material should be properly drummed. Do not contaminate water supply when disposing of wastes or containers.

HANDLING PROCEDURES AND EQUIPMENT: Post "No Smoking" signs according to local regulations for combustible liquids. Keep product away from skin and eyes.

STORAGE REQUIREMENTS: Combustible! Store tightly closed container in a dry area. Keep out of reach of children. Store below 50°C. Store and use away from heat, sparks, open flame, or any source of ignition.

IX. PREPARATION INFORMATION

PREPARED BY: Technical Service Department

DATE: December 7, 2011

TELEPHONE: (780) 437-6136