



I - PRODUCT IDENTIFICATION AND USE

PRODUCT NAME: TRUGARD SUDS

USE: Laundry Detergent

SUPPLIER:

DiverseyLever Canada
division of U L Canada Inc.
2401 Bristol Circle
Oakville Ontario, L6H 6P1, Canada

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: D2B

CHEMICAL FAMILY: surfactant/solvent

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Ethylene glycol monobutyl ether	7-13	000111-76-2	LD50 560 mg/kg	oral/rat
Nonylphenol ethoxylate	15-40	009016-45-9	LD50 2500 mg/kg	oral/rat

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:

Gloves: impermeable gloves **Eye:** safety glasses **Footwear:** not applicable

Respiratory: If mists are generated, use NIOSH approved mask **Other:** not applicable

SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid eye and skin contact.

VENTILATION REQUIREMENTS: general ventilation

INCOMPATIBILITY (Material to Avoid): Strong oxidizers.

SPILL PROCEDURES: Mop up or soak up with absorbant clay. Wash spill area well.

WASTE DISPOSAL: Dispose according to municipal, provincial, and federal regulations.

STORAGE / SHIPPING REQUIREMENT: Store in a cool dry area in a closed container.

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Clear pink liquid

S.G. / BULK DENSITY(g/cc): 1.02

pH: 7.0

VAPOUR PRESSURE (mmHg): not available

VAPOUR DENSITY (air=1): not available

ODOUR THRESHOLD: not applicable

BOILING POINT: 100°C

FREEZING POINT: 0°C

PERCENT VOLATILE: 74%

SOLUBILITY IN WATER: Soluble

EVAPORATION RATE (water=1): not available

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

EYES: May cause irritation of the eyes.

SKIN: Prolonged or repeated exposure may lead to drying and irritation.

INGESTION: Irritation of the digestive tract, nausea, vomiting.

INHALATION: May cause headache and nausea.

LD50 (calculated): 3197 mg/kg

LC50 (calculated):

OTHER TOXIC EFFECTS: Readily absorbed through skin. May cause anemia.

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: Long term exposure to high vapour concentrations may cause kidney and liver damage.

VI - FIRST AID MEASURES

EYES: Flush eyes with plenty of water for at least 15 minutes. Hold eyelids open while rinsing. Contact a physician immediately.
SKIN: Flush affected area thoroughly with water. If irritation persists, contact a physician.
INGESTION: Drink large volumes of water. Never give anything by mouth to an unconscious patient. Contact a physician immediately.
INHALATION: Remove patient to fresh air. Get medical attention for any breathing difficulty.

VII - FIRE AND EXPLOSION DATA

FLAMMABLE: No
FLASH POINT, °C: > 100°C
AUTO IGNITION TEMPERATURE, °C: N/Ap
EXTINGUISHING MEDIA: Water [x] Dry Chemical [x] Carbon Dioxide [x] Foam [x] Other []
SPECIAL FIRE FIGHTING PROCEDURES: none required
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon.
EXPLOSIVE SENSITIVITY TO: not applicable

VIII - REACTIVITY DATA

STABILITY: Stable [x] Unstable []
CONDITIONS TO AVOID: high temperature
INCOMPATIBILITY (Material to Avoid) : Strong oxidizers
HAZARDOUS DECOMPOSITION PRODUCTS: Heat released on contact with strong oxidizers.
REACTIVITY: not applicable

IX - MSDS PREPARATION

SOURCES USED: RTECS	PREPARED BY: DiverseyLever Canada Research and Development Department Institutional Division Phone (905) 829-1200
PREPARATION DATE: April 15, 2000	

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