



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 3105166

PRODUCT NAME: TIM HORTONS SINK DETERGENT**USE:** Hand dishwashing liquid**SUPPLIER:**JohnsonDiversey Canada, Inc.
2401 Bristol Circle
Oakville Ontario, L6H 6P1, Canada**EMERGENCY PHONE:****1-800-668-7171****WHMIS CLASSIFICATION:** D2B
CHEMICAL FAMILY: surfactant**TRADE NAME / SYNONYMS:** not applicable
CHEMICAL NAME: not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Sodium Alcohol Ethoxy Sulphate	1-5	068891-38-3	LD50 1600 mg/kg	oral/rat
Ethyl Alcohol	0.1-1	000064-17-5	LD50 7060 mg/kg	oral/rat
Sodium Dodecylbenzene Sulphonate	3-7	025155-30-0	LD50 1260 mg/kg	oral/rat

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:**Gloves:** not required**Eye:** not required**Footwear:** As required**Respiratory:** not required**Other:** not required**SPECIAL HANDLING PROCEDURES AND EQUIPMENT:** Not applicable**VENTILATION REQUIREMENTS:** General ventilation**INCOMPATIBILITY (Material to Avoid):** Oxidizing materials**SPILL PROCEDURES:** Wear protective clothing.
Contain the spill.
Do not allow the spilled product to go to drain.
Mop up or soak up with absorbent clay for disposal.
Sweep or scoop up material for disposal.
Wash spill area with large volumes of water.**WASTE DISPOSAL:** Dispose of according to municipal, provincial, and federal regulations.**STORAGE / SHIPPING REQUIREMENT:**Store in a cool dry area in a closed container.
Avoid freezing

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Clear yellow liquid**S.G. / BULK DENSITY(g/cc):** 1.03**pH:** 6.0**VAPOUR PRESSURE (mmHg):** not available**VAPOUR DENSITY (air=1):** not available**ODOUR THRESHOLD:** not available**BOILING POINT:** not available**FREEZING POINT:** approx. 0°C**PERCENT VOLATILE:** 87%**SOLUBILITY IN WATER:** soluble**EVAPORATION RATE (water=1):** not available

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:**EYES:** May cause irritation.**SKIN:** Repeated or prolonged contact may result in irritation.**INGESTION:** May cause severe irritation of the digestive tract.**INHALATION:** No serious or irreversible effect expected.**LD50 (calculated):** 15670 mg/kg**LC50 (calculated):** not applicable**OTHER TOXIC EFFECTS:** TWA (ethyl alcohol): 1000 ppm**EFFECTS OF CHRONIC** None known**EXPOSURE TO MATERIAL:****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 develops, contact a physician.**INGESTION:** Drink large volumes of water or milk. Never give anything by mouth to an unconscious patient.
Do not induce vomiting.
Contact a physician immediately.**INHALATION:** Remove patient to fresh air.**VII - FIRE AND EXPLOSION DATA****FLAMMABLE:** No**FLASH POINT, °C:** not applicable**AUTO IGNITION TEMPERATURE, °C:** N/Ap**EXTINGUISHING MEDIA:** Water [x] Dry Chemical [x] Carbon Dioxide [x] Foam [x] Other []**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained breathing apparatus.**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of carbon, nitrogen and sulfur.**EXPLOSIVE SENSITIVITY TO:** not applicable**VIII - REACTIVITY DATA****STABILITY:** Stable [x] Unstable []**CONDITIONS TO AVOID:** Avoid freezing**INCOMPATIBILITY (Material to Avoid) :** Oxidizing materials**HAZARDOUS DECOMPOSITION PRODUCTS:** Heat released on contact with oxidizing materials.**REACTIVITY:** Not dangerously reactive.**IX - MSDS PREPARATION****SOURCES USED:** RTECS, MSDS**PREPARED BY:** JohnsonDiversey Canada, Inc.
Regulatory Department
Institutional Division
Phone (905) 829-1200**PREPARATION DATE:** October 3, 2003

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