



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 0961270

PRODUCT NAME: FREEZER FLOOR CLEANER**USE:** Freezer Floor Cleaner**SUPPLIER:**

JohnsonDiversey Canada, Inc.
2401 Bristol Circle
Oakville Ontario, L6H 6P1, Canada

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: B3 D2B**CHEMICAL FAMILY:** Alcohol/surfactant**TRADE NAME / SYNONYMS:** not applicable**CHEMICAL NAME:** not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Propylene glycol	30-60	000057-55-6	LD50 20000 mg/kg	oral/rat
Isopropanol	7-13	000067-63-0	LD50 5045 mg/kg	oral/rat
Linear alcohol ethoxylate	1-5	068002-97-1	LC50 2750 mg/kg	oral/rat

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:

Gloves: Natural Rubber, Neoprene, Nitrile **Eye:** safety glasses **Footwear:** not required

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

SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid eye contact. Do not breathe mist, spray or vapours.**VENTILATION REQUIREMENTS:** mechanical exhaust**INCOMPATIBILITY (Material to Avoid):** Strong oxidizing materials.**SPILL PROCEDURES:** Contain the spill. Do not allow the spilled product to go to drain. Mop up or soak up with absorbent clay for disposal. Remove all sources of heat and ignition, ensure adequate ventilation.**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 golden liquid, alcoholic odour**S.G. / BULK DENSITY(g/cc):** 1.02**pH:** 5.7**VAPOUR PRESSURE (mmHg):** not applicable**VAPOUR DENSITY (air=1):** not applicable**ODOUR THRESHOLD:** not available**BOILING POINT:** 99°C**FREEZING POINT:** -65°C**PERCENT VOLATILE:** 57%**SOLUBILITY IN WATER:** soluble**EVAPORATION RATE (water=1):** not applicable

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:**EYES:** May cause severe irritation.**SKIN:** Prolonged or repeated contact may cause skin dryness.**INGESTION:** May cause severe irritation of the digestive tract.**INHALATION:** Breathing spray or mist may cause respiratory irritation. Excessive exposure may cause dizziness.

LD50 (calculated): 21,540 mg/kg		LC50 (calculated): Not available	
OTHER TOXIC EFFECTS: TLV-TWA (isopropanol): 983 mg/m3 (400 ppm); AIHA WEEL (Propylene glycol): 50 ppm; TLV-TWA (Ethylene oxide): 1.8 mg/ppm			
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:		none known	
VI - FIRST AID MEASURES			
EYES: Flush eyes with plenty of water for at least 15 minutes. Hold eyelids open while rinsing. Contact a physician.			
SKIN: Flush affected area thoroughly with water. If irritation develops, contact a physician.			
INGESTION: Drink large volumes of water . Never give anything by mouth to an unconscious patient. Do not induce vomiting. Contact a physician.			
INHALATION: Remove patient to fresh air.			
VII - FIRE AND EXPLOSION DATA			
FLAMMABLE: Yes, combustible if heated			
FLASH POINT, °C: 41°C		AUTO IGNITION TEMPERATURE, °C: N/Av	
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.			
EXPLOSIVE SENSITIVITY TO: not applicable			
VIII - REACTIVITY DATA			
STABILITY: Stable [x] Unstable []			
CONDITIONS TO AVOID: High temperatures			
INCOMPATIBILITY (Material to Avoid) : strong oxidizing materials			
HAZARDOUS DECOMPOSITION PRODUCTS: Contact with strong oxidizers will generate heat.			
REACTIVITY: not applicable			
IX - MSDS PREPARATION			
SOURCES USED: RTECS, Supplier MSDS		PREPARED BY: JohnsonDiversey Canada, Inc. Regulatory Department Food Division Phone (905) 829-1200	
PREPARATION DATE: November 14, 2003			
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