



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 1213

PRODUCT NAME: FREEZER FLOOR CLEANER D29**USE:** FREEZER 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
Alcohol ethoxylate	1-5	068002-97-1	LC50 2750 mg/kg	oral/rat

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:**Gloves:** not required**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 orange liquid**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:** not available**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): 21,695 mg/kg	LC50 (calculated): Not available
OTHER TOXIC EFFECTS: TLV-TWA (Isopropyl Alcohol) 520 mg/m3	
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 Institutional Division Phone (905) 829-1200
PREPARATION DATE: September 8, 2003	
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