



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 3824

PRODUCT NAME: IFM-622**USE:** Solvent 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:** Solvent**TRADE NAME / SYNONYMS:** not applicable**CHEMICAL NAME:** Hydrocarbon

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Propylene carbonate	40-70	000108-32-7	LD50 20700 mg/kg	oral/rat
N-methylpyrrolidone	7-13	000872-50-4	LD50 3914 mg/kg	oral/rat
Propylene glycol monobutyl ether	15-40	005131-66-8	LD50 1900 mg/kg	oral/rat

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:**Gloves:** natural rubber or neoprene**Eye:** safety glasses**Footwear:** not required**Respiratory:** If mists are generated, use NIOSH approved mask**Other:** not required**SPECIAL HANDLING PROCEDURES AND EQUIPMENT:** Avoid eye and skin contact. Do not breathe mist, spray or vapours. Do not expose to heat, spark or open flame.**VENTILATION REQUIREMENTS:** mechanical exhaust**INCOMPATIBILITY (Material to Avoid):** Strong oxidizers**SPILL PROCEDURES:** Contain the spill. Do not allow the spilled product to go to drain. Ensure adequate ventilation. Mop up or soak up with absorbent clay for disposal.**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 colourless liquid**S.G. / BULK DENSITY(g/cc):** 1.06**pH:** not applicable**VAPOUR PRESSURE (mmHg):** not available**VAPOUR DENSITY (air=1):** >1**ODOUR THRESHOLD:** not available**BOILING POINT:** 149°C**FREEZING POINT:** not available**PERCENT VOLATILE:** 100%**SOLUBILITY IN WATER:** <20%**EVAPORATION RATE (water=1):** >1

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:**EYES:** May cause severe irritation. No serious or irreversible effects expected.**SKIN:** May cause defatting, drying and cracking of skin.**INGESTION:** May cause irritation of the digestive tract. May cause headache, nausea, dizziness, vomiting and diarrhea.**INHALATION:** May cause headache, drowsiness and dizziness.

LD50 (calculated): 4,870 mg/kg	LC50 (calculated): not available
OTHER TOXIC EFFECTS: None known	
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:	Wash with soap. Flush affected area thoroughly with water. If irritation develops, contact a physician.
INGESTION:	Do not induce vomiting. Contact a physician immediately.
INHALATION:	Remove patient to fresh air.
VII - FIRE AND EXPLOSION DATA	
FLAMMABLE: Yes, combustible if heated.	
FLASH POINT, °C: 68°C (TCC)	AUTO IGNITION TEMPERATURE, °C:
EXTINGUISHING MEDIA: Water [] 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.	
EXPLOSIVE SENSITIVITY TO: not available	
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 oxidizing materials. Oxides of carbon and other toxic gases.	
REACTIVITY: not dangerously reactive	
IX - MSDS PREPARATION	
SOURCES USED: RTECS, ChemInfo	PREPARED BY: JohnsonDiversey Canada, Inc. Regulatory Department Industrial Division Phone (905) 829-1200
PREPARATION DATE: April 15, 2003	
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