



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 3814

PRODUCT NAME: SAF ZOL PLUS

USE: Solvent Degreaser

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
Petroleum hydrocarbon	40-70	064742-48-9	not available	n/a
Petroleum hydrocarbon	40-70	064742-47-8	LD50 >5000 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): 0.76

pH: not applicable

VAPOUR PRESSURE (mmHg): not available

VAPOUR DENSITY (air=1): >1

ODOUR THRESHOLD: not available

BOILING POINT: not available

FREEZING POINT: not available

PERCENT VOLATILE: 100%

SOLUBILITY IN WATER: insoluble

EVAPORATION RATE (water=1): not available

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): >5000 mg/kg	LC50 (calculated): not available
OTHER TOXIC EFFECTS: Petroleum hydrocarbon TLV 100 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:	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: 65°C (Pensky-Martens)	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.	
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.	
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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