



I - PRODUCT IDENTIFICATION AND USE				MSDS ID: 04171	
PRODUCT NAME: SPIRIT 170					
USE: Non-conductive solvent					
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 mixture			TRADE NAME / SYNONYMS: not applicable CHEMICAL NAME: not applicable		
II - HAZARDOUS INGREDIENTS					
HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species	
Dipropylene glycol methyl ether	7-13	034590-94-8	LD50 5660 mg/kg	oral/rat	
Petroleum hydrocarbon	60-100	064742-47-8	LD50 >5000 mg/kg	oral/rat	
III - HANDLING AND DISPOSAL PROCEDURES					
PERSONAL PROTECTIVE EQUIPMENT: Gloves: neoprene or nitrile Eye: safety goggles 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.					
VENTILATION REQUIREMENTS: general ventilation					
INCOMPATIBILITY (Material to Avoid): 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.					
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): 0.81			pH: not applicable		
VAPOUR PRESSURE (mmHg): not available			VAPOUR DENSITY (air=1): not available		
ODOUR THRESHOLD: not available			BOILING POINT: >85°C		
FREEZING POINT: -4°C			PERCENT VOLATILE: 99%		
SOLUBILITY IN WATER: dispersable			EVAPORATION RATE (water=1): >1		
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. Harmful or fatal if swallowed. INHALATION: May cause irritation. Aspiration into the lungs may cause chemical pneumonitis.					
LD50 (calculated): not available			LC50 (calculated): not available		

OTHER TOXIC EFFECTS: Dipropylene Glycol Methyl Ether TLV-STEL 909 mg/m3 (150 ppm) skin, TWA 606 mg/m3 (100 ppm)

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: Same as above

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 immediately.

INHALATION: Remove patient to fresh air. Get medical attention for any breathing difficulty.

VII - FIRE AND EXPLOSION DATA

FLAMMABLE: Yes, combustible if heated.

FLASH POINT, °C: 76.7°C (Pensky-Martens)

AUTO IGNITION TEMPERATURE, °C: N/Av.

EXTINGUISHING MEDIA: Water ☒ Dry Chemical ☒ Carbon Dioxide ☒ Foam ☒ Other ☐

SPECIAL FIRE FIGHTING PROCEDURES: Normal to petroleum solvents

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon.

EXPLOSIVE SENSITIVITY TO: not available

VIII - REACTIVITY DATA

STABILITY: Stable ☒ Unstable ☐

CONDITIONS TO AVOID: high temperature or above flash point.

INCOMPATIBILITY (Material to Avoid) : Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: None

REACTIVITY: not dangerously reactive

IX - MSDS PREPARATION

SOURCES USED: RTECS, ChemInfo.

PREPARED BY: JohnsonDiversey Canada, Inc.
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