

I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 11545

PRODUCT NAME: UNIT OIL 220

USE: Lubricant

SUPPLIER:

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

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: not applicable

CHEMICAL FAMILY: not applicable

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Petroleum hydrocarbon	>30	064742-54-7	LD50 >15000 mg/kg	oral/rat

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:

Gloves: In case of prolonged skin contact, the following gloves are
Eye: Safety glasses
Footwear: Not normally required.
Respiratory: If conditions exceed TLV NIOSH approved respirator is required.
Other: Not normally required.

SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Do not expose to heat, spark or open flame.**VENTILATION REQUIREMENTS:** Local exhaust ventilation**INCOMPATIBILITY (Material to Avoid):** Strong oxidizers
Acidic 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.
Contain spill and transfer to a temporary receptacle.
Makes floor slippery.

WASTE DISPOSAL: Dispose of according to municipal, provincial, and federal regulations.**STORAGE / SHIPPING REQUIREMENT:** Do not expose to heat, spark or open flame.

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Green liquid, mild petroleum odour**S.G. / BULK DENSITY(g/cc):** 0.886**pH:** not applicable**VAPOUR PRESSURE (mmHg):** not determined**VAPOUR DENSITY (air=1):** >1**ODOUR THRESHOLD:** not determined**BOILING POINT:** not applicable**FREEZING POINT:** not determined**PERCENT VOLATILE:** 0**SOLUBILITY IN WATER:** insoluble**EVAPORATION RATE (water=1):** <1

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

EYES: May cause irritation resulting in stinging, tearing and reddening.**SKIN:** Repeated or prolonged contact may result in defatting or drying of skin.

INGESTION: Causes neausea, vomiting, pain and diarrhea if product is ingested.
Aspiration into the lungs may cause chemical pneumonitis.

INHALATION: Breathing mists may cause respiratory irritation. Aspiration into the lungs may cause chemical pneumonitis.	
LD50 (calculated): Not determined.	LC50 (calculated): Not determined.
OTHER TOXIC EFFECTS: Repeated or prolonged contact with skin can cause dermatitis.	
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: See Acute Exposure Information	
VI - FIRST AID MEASURES	
EYES: Flush eyes with plenty of water. If irritation develops, contact a physician. SKIN: Wash affected area thoroughly with soap and water. Remove and wash contaminated clothing thoroughly. If irritation develops, contact a physician. INGESTION: Do not induce vomiting. INHALATION: Remove patient to fresh air. Get medical attention for any breathing difficulty.	
VII - FIRE AND EXPLOSION DATA	
FLAMMABLE: Yes, ignited by spark or open flame	
FLASH POINT, °C: 420	AUTO IGNITION TEMPERATURE, °C: not available
EXTINGUISHING MEDIA: Water [x] Dry Chemical [x] Carbon Dioxide [x] Foam [x] Other []	
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus. Treat as oil fire.	
HAZARDOUS COMBUSTION PRODUCTS: not available	
EXPLOSIVE SENSITIVITY TO: not available	
VIII - REACTIVITY DATA	
STABILITY: Stable [x] Unstable []	
CONDITIONS TO AVOID: All sources of ignition	
INCOMPATIBILITY (Material to Avoid) : Strong oxidizers increase risk of explosion Strong acids, strong oxidizers.	
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and sulfur with incomplete combustion.	
REACTIVITY: not available	
IX - MSDS PREPARATION	
SOURCES USED: MSDS	PREPARED BY: JohnsonDiversey Canada, Inc. Regulatory Department Industrial Division Phone (905) 829-1200
PREPARATION DATE: January 30, 2004	
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