

## I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 11546

PRODUCT NAME: UNIT OIL 460

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   | 064742-52-0 | not available | n/a             |

## 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 MaterialsSPILL 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): 0.896

pH: not applicable

VAPOUR PRESSURE (mmHg): not available

VAPOUR DENSITY (air=1): &gt;1

ODOUR THRESHOLD: not available

BOILING POINT: not available

FREEZING POINT: not available

PERCENT VOLATILE: 0

SOLUBILITY IN WATER: insoluble

EVAPORATION RATE (water=1): &lt;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.

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>INHALATION:</b> May cause dizziness, drowsiness and nausea.<br>Breathing mists may cause respiratory irritation.<br>Aspiration into the lungs may cause chemical pneumonitis.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                          |
| <b>LD50 (calculated):</b> Not determined.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>LC50 (calculated):</b> Not determined.                                                                                |
| <b>OTHER TOXIC EFFECTS:</b> Repeated or prolonged contact with skin can cause dermatitis.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                          |
| <b>EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:</b> See Acute Exposure Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                          |
| <b>VI - FIRST AID MEASURES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                          |
| <b>EYES:</b> Flush eyes with plenty of water. If irritation develops, contact a physician.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                          |
| <b>SKIN:</b> Wash affected area thoroughly with soap and water.<br>Remove and wash contaminated clothing thoroughly.<br>If irritation develops, contact a physician.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                          |
| <b>INGESTION:</b> Do not induce vomiting.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                          |
| <b>INHALATION:</b> Remove patient to fresh air.<br>Get medical attention for any breathing difficulty.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                          |
| <b>VII - FIRE AND EXPLOSION DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                          |
| <b>FLAMMABLE:</b> Yes, ignited by spark or open flame                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                          |
| <b>FLASH POINT, °C:</b> 435                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>AUTO IGNITION TEMPERATURE, °C:</b> not available                                                                      |
| <b>EXTINGUISHING MEDIA:</b> Water [x] Dry Chemical [x] Carbon Dioxide [x] Foam [x] Other [ ]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                          |
| <b>SPECIAL FIRE FIGHTING PROCEDURES:</b> Wear self-contained breathing apparatus.<br>Treat as oil fire.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                          |
| <b>HAZARDOUS COMBUSTION PRODUCTS:</b> not available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                          |
| <b>EXPLOSIVE SENSITIVITY TO:</b> not available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                          |
| <b>VIII - REACTIVITY DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                          |
| <b>STABILITY:</b> Stable [x] Unstable [ ]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                          |
| <b>CONDITIONS TO AVOID:</b> All sources of ignition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                          |
| <b>INCOMPATIBILITY (Material to Avoid) :</b> Strong oxidizers increase risk of explosion<br>Strong acids, strong oxidizers.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                          |
| <b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> Oxides of carbon and sulfur with incomplete combustion.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                          |
| <b>REACTIVITY:</b> not available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                          |
| <b>IX - MSDS PREPARATION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                          |
| <b>SOURCES USED:</b> MSDS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>PREPARED BY:</b> JohnsonDiversey Canada, Inc.<br>Regulatory Department<br>Industrial Division<br>Phone (905) 829-1200 |
| <b>PREPARATION DATE:</b> January 30, 2004                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                          |
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