

# SAFETY DATA SHEET

## 1. Identification

### Identification

**Product name:** YORK OIL J (PL) 011 00558 000

### Additional identification

**Chemical name:** Polyol ester

### Recommended use and restriction on use

**Recommended use:** Refrigeration Lubricants.  
**Restrictions on use:** None identified.

### Details of the supplier of the safety data sheet

#### Supplier

**Company Name:** CPI FLUID ENGINEERING  
A DIV. OF THE LUBRIZOL CORPORATION  
**Address:** 2300 JAMES SAVAGE ROAD  
MIDLAND, MI 48642  
US  
**Telephone:** 989-496-3780

### Emergency telephone number:

FOR TRANSPORT EMERGENCY CALL CHEMTREC (+1)703 527 3887, OR WITHIN USA 800 424 9300

## 2. Hazard(s) identification

### Hazard Classification

Not classified

### Label Elements:

**Hazard Symbol:** No symbol

**Signal Word:** No signal word.

**Hazard Statement:** not applicable

**Precautionary Statement:** not applicable

**Other hazards which do not result in GHS classification:** None identified.

## 3. Composition/information on ingredients

**General information:** The components are not hazardous or are below required disclosure limits.

## 4. First-aid measures

**Ingestion:** Treat symptomatically. Get medical attention.

|                      |   |
|----------------------|---|
| <b>Inhalation:</b>   | Remove exposed person to fresh air if adverse effects are observed.   |
| <b>Skin Contact:</b> | Wash with soap and water. If skin irritation occurs, get medical attention.   |
| <b>Eye contact:</b>  | Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. |

**Most important symptoms/effects, acute and delayed**

|                  |                 |
|------------------|-----------------|
| <b>Symptoms:</b> | See section 11. |
|------------------|-----------------|

**Indication of immediate medical attention and special treatment needed**

|                   |                        |
|-------------------|------------------------|
| <b>Treatment:</b> | Treat symptomatically. |
|-------------------|------------------------|

## 5. Fire-fighting measures

|                              |   |
|------------------------------|---|
| <b>General Fire Hazards:</b> | No unusual fire or explosion hazards noted. |
|------------------------------|---|

**Suitable (and unsuitable) extinguishing media**

|                                      |   |
|--------------------------------------|---|
| <b>Suitable extinguishing media:</b> | CO <sub>2</sub> , dry chemical, foam, water spray, water fog. |
|--------------------------------------|---|

|  |                 |
|--|-----------------|
| <b>Unsuitable extinguishing media:</b> | Not determined. |
|--|-----------------|

|  |  |
|--|--|
| <b>Specific hazards arising from the chemical:</b> | See section 10 for additional information. |
|--|--|

**Special protective equipment and precautions for firefighters**

|  |                    |
|--|--------------------|
| <b>Special fire fighting procedures:</b> | No data available. |
|--|--------------------|

|  |   |
|--|---|
| <b>Special protective equipment for fire-fighters:</b> | Recommend wearing self-contained breathing apparatus. |
|--|---|

## 6. Accidental release measures

|   |  |
|---|--|
| <b>Personal precautions, protective equipment and emergency procedures:</b> | Personal Protective Equipment must be worn, see Personal Protection Section for PPE recommendations. |
|---|--|

|  |   |
|--|---|
| <b>Methods and material for containment and cleaning up:</b> | Dike far ahead of larger spill for later recovery and disposal. Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed on inert material. |
|--|---|

|                                   |   |
|-----------------------------------|---|
| <b>Environmental Precautions:</b> | Avoid release to the environment. Do not contaminate water sources or sewer. Environmental manager must be informed of all major spillages. Prevent further leakage or spillage if safe to do so. |
|-----------------------------------|---|

## 7. Handling and storage

|                                       |  |
|---------------------------------------|--|
| <b>Precautions for safe handling:</b> | Observe good industrial hygiene practices. Provide adequate ventilation. Wear appropriate personal protective equipment. |
|---------------------------------------|--|

|  |  |
|--|--|
| <b>Maximum Handling Temperature:</b>                                 | Not determined.  |
| <b>Conditions for safe storage, including any incompatibilities:</b> | Store away from incompatible materials. See section 10 for incompatible materials. |
| <b>Maximum Storage Temperature:</b>                                  | Not determined.  |

## 8. Exposure controls/personal protection

### Control Parameters:

#### Occupational Exposure Limits

None of the components have assigned exposure limits.

|  |   |
|--|---|
| <b>Appropriate engineering controls:</b> | No special requirements under ordinary conditions of use and with adequate ventilation. |
|--|---|

### Individual protection measures, such as personal protective equipment

**General information:** Use personal protective equipment as required.

**Eye/face protection:** If contact is likely, safety glasses with side shields are recommended.

#### Skin Protection

**Hand Protection:** Neoprene. Suitable gloves can be recommended by the glove supplier.

**Other:** No data available.

**Respiratory Protection:** Consult with an industrial hygienist to determine the appropriate respiratory protection for your specific use of this material. A respiratory protection program compliant with all applicable regulations must be followed whenever workplace conditions require the use of a respirator.

**Hygiene measures:** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

## 9. Physical and chemical properties

### Appearance

|                        |  |
|------------------------|--|
| <b>Physical state:</b> | liquid                                 |
| <b>Form:</b>           | liquid                                 |
| <b>Color:</b>          | Clear                                  |
| <b>Odor:</b>           | Odorless                               |
| <b>Odor threshold:</b> | No data available.                     |
| <b>pH:</b>             | No data available.                     |
| <b>Freezing point:</b> | < -48 °C                               |
| <b>Boiling Point:</b>  | > 752 °F (400 °C)                      |
| <b>Flash Point:</b>    | > 457 °F (236 °C) (Cleveland Open Cup) |

|  |   |
|--|---|
| <b>Evaporation rate:</b>                                     | No data available.  |
| <b>Flammability (solid, gas):</b>                            | No data available.  |
| <b>Upper/lower limit on flammability or explosive limits</b> |   |
| <b>Flammability limit - upper (%):</b>                       | No data available.  |
| <b>Flammability limit - lower (%):</b>                       | No data available.  |
| <b>Explosive limit - upper (%):</b>                          | No data available.  |
| <b>Explosive limit - lower (%):</b>                          | No data available.  |
| <b>Vapor pressure:</b>                                       | No data available.  |
| <b>Vapor density:</b>  | No data available.  |
| <b>Relative density:</b>                                     | 0.905 60.1 °F (15.6 °C)   |
| <b>Solubility(ies)</b>                                       |   |
| <b>Solubility in water:</b>                                  | Slightly Soluble  |
| <b>Solubility (other):</b>                                   | No data available.  |
| <b>Partition coefficient (n-octanol/water):</b>              | 9.4 (estimated)   |
| <b>Auto-ignition temperature:</b>                            | No data available.  |
| <b>Decomposition temperature:</b>                            | No data available.  |
| <b>Viscosity:</b>  | 7.16 mm <sup>2</sup> /s ( 212 °F (100 °C) ) 52.2 mm <sup>2</sup> /s (40 °C (104 °F) ) |

## 10. Stability and reactivity

|  |   |
|--|---|
| <b>Reactivity:</b>                         | No data available.  |
| <b>Chemical Stability:</b>                 | Material is stable under normal conditions.   |
| <b>Possibility of hazardous reactions:</b> | Will not occur.   |
| <b>Conditions to avoid:</b>                | Not determined.   |
| <b>Incompatible Materials:</b>             | Strong acids. Strong oxidizing agents. Strong bases.  |
| <b>Hazardous Decomposition Products:</b>   | Thermal decomposition or combustion may generate smoke, carbon monoxide, carbon dioxide, and other products of incomplete combustion. |

## 11. Toxicological information

### Information on likely routes of exposure

|                      |                    |
|----------------------|--------------------|
| <b>Inhalation:</b>   | No data available. |
| <b>Ingestion:</b>    | No data available. |
| <b>Skin Contact:</b> | No data available. |
| <b>Eye contact:</b>  | No data available. |

### Information on toxicological effects

#### Acute toxicity

##### Oral

|          |   |
|----------|---|
| Product: | LD 50 (Rat): > 5,000 mg/kg (Read across) Not classified |
|----------|---|

**Dermal**

Product: LD 50 (Rabbit): > 2,000 mg/kg (Read across) Not classified

**Inhalation**

Product: Not classified for acute toxicity based on available data.

**Skin Corrosion/Irritation:**

Product: Classification: Not irritating (Read across); Rabbit. Not expected to be a primary skin irritant.  
Remarks: Not classified as a primary skin irritant.

**Serious Eye Damage/Eye Irritation:**

Product: Classification: Not irritating (Read across); Rabbit.  
Remarks: Not classified as a primary eye irritant.

**Respiratory sensitization:**

No data available

**Skin sensitization:**

No data available

**Specific Target Organ Toxicity - Single Exposure:**

Product: If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract.

**Aspiration Hazard:**

No data available

**Chronic Effects****Carcinogenicity:**

No data available

**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

No carcinogenic components identified

**US. National Toxicology Program (NTP) Report on Carcinogens:**

No carcinogenic components identified

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):**

No carcinogenic components identified

**Germ Cell Mutagenicity:**

Product: The Ames Salmonella test for mutagenicity was negative for this product.

**Reproductive toxicity:**

No data available

**Specific Target Organ Toxicity - Repeated Exposure:**  
No data available

## 12. Ecological information

### Ecotoxicity

#### Fish

Product: LC 50 (Rainbow Trout, 4 h): > 1,000 mg/l

#### Aquatic Invertebrates

No data available

#### Toxicity to Aquatic Plants

Product: LC 50 (Green algae (*Scenedesmus quadricauda*), 3 h): > 100 mg/l

#### Toxicity to soil dwelling organisms

No data available

#### Sediment Toxicity

No data available

#### Toxicity to Terrestrial Plants

No data available

#### Toxicity to Above-Ground Organisms

No data available

#### Toxicity to microorganisms

Product: LC 50 (Sludge, 0.1 h): > 10,000 mg/l

### Persistence and Degradability

#### Biodegradation

Product: OECD TG 301 B, 72 %, 28 d, Readily biodegradable

### Bioaccumulative Potential

#### Bioconcentration Factor (BCF)

No data available

#### Partition Coefficient n-octanol / water (log Kow)

Product: Log Kow: 9.4 (estimated)

#### Mobility:

No data available

#### Other Adverse Effects:

No data available.

## 13. Disposal considerations

#### Disposal instructions:

Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations. Since emptied containers retain product residue, follow label warnings even after container is emptied.

#### Contaminated Packaging:

Container packaging may exhibit hazards.

## 14. Transport information

### DOT

Not regulated.

### IMDG

Not regulated.

### IATA

Not regulated.

### Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

None known.

The DOT shipping information in this section is based on a bulk container. Please review the accompanying shipping papers for the correct shipping descriptions based the size of the package. Shipping descriptions may vary based on mode of transport, quantities, temperature of the material, package size, and/or origin and destination. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material. During transportation, steps must be taken to prevent load shifting or materials falling, and all relating legal statutes should be obeyed. Review classification requirements before shipping materials at elevated temperatures.

## 15. Regulatory information

### US Federal Regulations

#### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

None present or none present in regulated quantities.

#### CERCLA Hazardous Substance List (40 CFR 302.4)

None present or none present in regulated quantities.

#### Superfund Amendments and Reauthorization Act of 1986 (SARA)

##### SARA 311 Classifications

None known.

##### SARA 302 Extremely Hazardous Substance

None present or none present in regulated quantities.

##### SARA 304 Emergency Release Notification

None present or none present in regulated quantities.

##### SARA 313 (TRI Reporting)

None present or none present in regulated quantities.

### US State Regulations

#### US. California Proposition 65

No ingredient regulated by CA Prop 65 present.

### Inventory Status

#### Australia (AICS)

All components are in compliance with chemical notification requirements in Australia.

#### Canada (DSL/NDSL)

All components are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances List.

**China (IECSC)**

All components of this product are listed on the Inventory of Existing Chemical Substances in China.

**European Union (REACH)**

To obtain information on the REACH compliance status of this product, please e-mail  
REACH@SDSInquiries.com.

**Japan (ENCS)**

All components are in compliance with the Chemical Substances Control Law of Japan.

**Korea (ECL)**

All components are in compliance in Korea.

**New Zealand (NZIoC)**

All components are in compliance with chemical notification requirements in New Zealand.

**Philippines (PICCS)**

All components are in compliance with the Philippines Toxic Substances and Hazardous and Nuclear  
Wastes Control Act of 1990 (R.A. 6969).

**Switzerland (SWISS)**

May require notification before sale in Switzerland.

**Taiwan (TCSCA)**

All components of this product are listed on the Taiwan inventory.

**United States (TSCA)**

All components of this material are on the US TSCA Inventory.

*The information that was used to confirm the compliance status of this product may deviate from the chemical  
information shown in Section 3.*

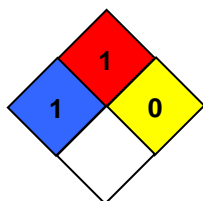
**16. Other information, including date of preparation or last revision**

**HMIS Hazard ID**

|                         |  |          |
|-------------------------|--|----------|
| <b>Health</b>           |  | <b>1</b> |
| <b>Flammability</b>     |  | <b>1</b> |
| <b>Physical Hazards</b> |  | <b>0</b> |

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible; \*Chronic health effect

**NFPA Hazard ID**



|  |                 |
|--|-----------------|
|  | Flammability    |
|  | Health          |
|  | Reactivity      |
|  | Special hazard. |

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible

**Issue Date:** 03/24/2016

**Version #:** 2.0

**Source of information:** Internal company data and other publically available resources.



**Further Information:**

Contact supplier (see Section 1)

**Disclaimer:**

As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local regulations remains the responsibility of the user.