



## MATERIAL SAFETY DATA SHEET

SHREDDER OIL 20740 / 20741

Revision Date: 7/7/2009

Page 1 of 5

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Shredder Oil 20740 / 20741 (a.k.a. R&O Turbine #22)

Chemical Name: Petroleum lubricating oil

Chemical Family: Blend

Manufacturer:

U.S. Oil Co, Inc. Lubricants Division  
425 S. Washington Street  
Combined Locks, WI 54113

**Distributed by:**

Dahle North America, Inc.  
49 Vose Farm Road, Peterborough, NH 03458  
(800) 995-1379

**Emergency Telephone Numbers:**

General Emergencies: 920-735-8298 (8am – 5pm CST M-F)  
CHEMTREC: 800-424-9300 (24 hrs Everyday)

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Chemical Ingredient:**

Severely solvent refined light paraffinic distillate

99%

**CAS#**

64742-65-0

Proprietary additives

<1.0%

mixture

### 3. HAZARD IDENTIFICATION

**Emergency Overview**

Oil mist, if generated.

US OSHA HAZARD COMMUNICATION STANDARD: Product assessed in accordance with OSHA 29 CFR 1910.1200 and determined not to be hazardous.

**Potential Health Effects:**

**INHALATION:** Vapor pressure is very low. Vapor inhalation under ambient conditions is normally not a problem. Inhalation of oil mist or vapors at elevated temperature may cause respiratory irritation.

**EYE CONTACT:** Expected to be a minor eye irritant.

**SKIN CONTACT:** Repeated or prolonged skin contact may cause dermatitis and defatting.

**INGESTION:** Not expected to be acutely toxic.

**CRONIC:** None known.

**HMIS Hazard Ratings:**

HEALTH: 2

FLAMMABILITY: 1

REACTIVITY: 1

|              |             |
|--------------|-------------|
| Key          |             |
| 4 – Severe   | 3 – Serious |
| 2 – Moderate | 1 – Slight  |
| 0 – Minimal  |             |

**4. FIRST AID MEASURES**

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration, preferable mouth to mouth. If breathing is difficult give oxygen. Get medical help.

**EYE CONTACT:** Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.

**SKIN CONTACT:** Flush with large amounts of water. Use soap if possible. Remove severely contaminated clothing and wash before reuse. If irritation persists, seek medical attention.

**INGESTION:** If swallowed, DO NOT induce vomiting.

**5. FIRE FIGHTING MEASURES**

**Flashpoint (method):** 396°F (202°C) COC

**Flammable Limits:** Not Established

**Autoignition Temp:** No Data Available

**EXTINGUISHING MEDIA:**

Water spray, dry chemical, carbon dioxide (CO<sub>2</sub>), foam.

**FIRE FIGHTING INSTRUCTIONS:**

Avoid breathing smoke and vapor.

**FIRE FIGHTING EQUIPMENT**

Wear self-contained breathing apparatus and protective clothing. Use water spray to keep fire-exposed containers cool.

**HAZARDOUS COMBUSTION PRODUCTS:**

Normal combustion forms carbon dioxide and water vapor. Incomplete combustion can produce carbon monoxide.

**6. ACCIDENTAL RELEASE MEASURES**

**SPILLS OR LEAKS:** Remove sources or ignition. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Take up small spills with absorbent pads. Large spills may be taken up with pump or vacuum.

**7. HANDLING AND STORAGE**

**STORAGE TEMPERATURE:** Ambient

**STORAGE PRESSURE:** Atmospheric

**GENERAL:** Keep container closed. Store in cool, well ventilated place. Keep away from heat, sparks and flame. Empty containers may contain residues.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**EXPOSURE LIMITS:** Oil mist if generated: TLV (ACGIH) 5mg/m<sup>3</sup> - 8 hr TWA  
STEL (ACGIH) 10mg/m<sup>3</sup>, PEL (OSHA) 5mg/m<sup>3</sup> - 8hr TWA

**VENTILATION:** Good general ventilation at source of vapor.

**PERSONAL PROTECTION:** For open systems where contact is likely, wear safety glasses with side shields, long sleeves and chemical resistant gloves.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

|                                    |                                     |
|------------------------------------|-------------------------------------|
| Appearance / Odor:                 | Petroleum odor, clear, amber liquid |
| Vapor Pressure:                    | <1 (air = 1.0)                      |
| Solubility In Water:               | Insoluble                           |
| Evaporation Rate, n-Bu Acetate = 1 | Nil                                 |
| VOC:                               | Nil                                 |
| Specific Gravity:                  | 0.8                                 |

**10 STABILITY AND REACTIVITY**

|                           |   |
|---------------------------|---|
| STABILITY:                | Stable under normal temperatures and pressures. |
| CONTITIONS TO AVOID:      | None Known.                                     |
| MATERIALS TO AVOID:       | Strong oxidizing agents.                        |
| HAZARDOUS POLYMERIZATION: | Will not occur.                                 |
| HAZARDOUS DECOMPOSITION:  | None.   |

**11. TOXICOLOGICAL INFORMATION**

Oral Toxicity (rats): Practically non-toxic (LD50: greater than 2000 mg/kg).  
Dermal Toxicity (rabbits): Practically non-toxic (LD50: greater than 2000 mg/kg).  
Inhalation Toxicity (rats): Practically non-toxic (LC50: greater than 5 mg/l).  
Eye Irritation (rabbits): Practically non-irritating. (Draize score: greater than 6 but 15 or less).  
Skin Irritation (rabbits) Practically non-irritating. (Primary Irritation Index: greater than 0.5 but less than 3).  
Chronic Toxicology: The base oils in this product are severely solvent refined and / or hydrotreated. Chronic mouse skin painting studies of severely treated oils showed no evidence of carcinogenic effects. These results are confirmed on a continuing basis using various screening methods, such as Modified Ames Test and IP-346.

**12. ECOLOGICAL INFORMATION**

Ecotoxocoty: No data available

**DISPOSAL CONSIDERATIONS**

This product is not regulated by CERCLA/RCRA as a hazardous waste or material. Therefore it may be disposed of as an industrial waste in a manner acceptable to good waste management practice and in compliance with applicable local, state and federal regulations.

## 14. TRANSPORTATION INFORMATION

|                                  |                |                      |                |
|----------------------------------|----------------|----------------------|----------------|
| DOT                              |                | IMO                  |                |
| DESCRIPTION PROPER SHIPPING NAME | Not regulated  | PROPER SHIPPING NAME | Not regulated  |
| HAZARD CLASS:                    | Not regulated  | HAZARD CLASS:        | Not regulated  |
| ID NUMBER                        | Not regulated  | PACKING GROUP        | Not applicable |
| PACKING GROUP:                   | Not applicable | SPECIAL INFORMATION  | Not applicable |
| SPECIAL INFORMATION              | Not applicable | IMO LABEL            | Not applicable |
|                                  |                | SHIPPING CONTAINERS  | Not applicable |

## 15. REGULATORY INFORMATION

TSCA: This material is in compliance with the TOXIC SUBSTANCES CONTROL ACT (15 USC 2601-2629) and is listed in the TSCA Inventory.

### HAZARD CATEGORIES FOR SARA 311/312 REPORTING:

|          |                            |    |
|----------|----------------------------|----|
| Health   | Immediate (Acute)          | No |
| Health   | Delayed (Chronic)          | No |
| Physical | Fire                       | No |
| Physical | Sudden release of Pressure | No |
| Physical | Reactive                   | No |
| Physical | Nuisance Mist/Dust Only    | No |

|                         |                         |                      |                   |
|-------------------------|-------------------------|----------------------|-------------------|
| 01=SARA 313             | 11=NJ RTK               | 21=TSCA Sect 5(a)(2) | 02=MASS           |
| RTK                     | 12=CERCLA 302.4         | 22=TSCA Sect 6       | 03=NTP Carcinogen |
| 12=MN RTK               |                         | 23=TSCA Sect 12(b)   |                   |
| 04= CA Prop 65-Carcin   | 14=ACGIM TWA            | 24=TSCA Sect 8(a)    |                   |
| 05=CA Prop 65 Pepro Tox | 15=ACGIH STEL           | 25=TSCA Sect 8(d)    |                   |
| 06=IARC Group 1         | 16=ACGIH Calc TLV       | 26=TSCA Sect 4(a)    |                   |
| 07=IARC Group 2A        | 17=OSHA PEL             | 27=Canadian WHMIS    |                   |
| 08=IARC Group 2B        | 18=DOT Marine Pollutant | 28=OSHA CEILING      |                   |
| 09=SARA 302/304         | 20=EPA Carcinogen       |                      |                   |
| 10= PA RTK              |                         |                      |                   |

The following components of the material are found on the regulatory lists indicated.

DISTILLATES, HYDROTREATED LIGHT PARAFFINIC  
is found on lists 14, 15, 17



## MATERIAL SAFETY DATA SHEET

SHREDDER OIL 20740 / 20741

Revision Date: 7/7/2009

Page 5 of 5

### 16. OTHER INFORMATION

DAHLE NORTH AMERICA, INC.  
49 Vose Farm Road  
PETERBOROUGH, NH 03458  
Tel: (603) 924-0003  
Fax: (603) 924-1616  
Email: shredders@dahle.com  
www.dahle.com

The information on this form is furnished solely for the purpose of compliance with the OSHA Act, and shall not be used for any other purpose. The information is given in good faith and is based on data considered accurate. However, no warranty, expressed or implied, is made regarding the accuracy of these data or the results to be obtained from the use thereof.