



# Safety Data Sheet

Universal Mineral Oil  
ISO N15  
SDS # 16-21-18A  
Date Prepared: 10/15/15  
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## 1 Product and Company Identification

**Product Name**  
Universal Mineral Oil ISO N15  
**SDS #**  
16 21 18 A  
**Recommended Use of the Chemical  
And Restrictions on Use**  
Industrial lubricants.  
**Supplier Address**  
Universal Oil, Inc.  
265 Jefferson Ave  
Cleveland, Oh 44113  
sales@universaloil.com  
**Company Phone Number 1-216-771-4300**

## 2 Hazards Identification

|                       |                                   |
|-----------------------|-----------------------------------|
| Threshold Limit Value | None Established                  |
| Oil Mist              | 5 mg/m <sup>3</sup> - Mineral Oil |

**Effects of Acute Overexposure:** The health effects noted are consistent with requirements under OSHA Hazard Communication Standard (29 CFR 1910.1200).

- **Eye Contact:** May cause minimal irritation.
- **Skin Contact:** May cause minimal irritation; prolonged contact may cause more severe irritation.
- **Inhalation:** Excessive inhalation of vapors can cause nasal and respiratory irritation.
- **Ingestion:** No adverse effects expected. If larger quantities are swallowed, abdominal discomfort, nausea and diarrhea may occur.

## 3 Composition/Information on Ingredients

| Ingredient                   | CAS #      | % by wt. | PEL                            | TLV                            |
|------------------------------|------------|----------|--------------------------------|--------------------------------|
| Dewaxed Naphthnic Distillate | 64741-96-1 | 100%     | 5mg/m <sup>3</sup><br>Note (1) | 5mg/m <sup>3</sup><br>Note (1) |

Note: (1) Oil Mist – Mineral

## 4 First Aid Measures

### First Aid:

- **Eye Contact:** No first aid procedures required. However, as a precaution flush eyes with fresh water. Remove contact lenses if worn.
- **Skin Contact:** No first aid procedures required. However, as a precaution flush skin thoroughly with soap and water. Remove and wash contaminated clothing.
- **Inhalation:** No first aid procedures required. However, as a precaution remove individual to fresh air.
- **Ingestion:** If swallowed, give water to drink and get medical attention.

**Primary Route (s) of Entry:** Inhalation, skin contact.

## 5 Fire-Fighting Measures

| Flash Point                      | >182°C (PMCC)  |      |            |
|----------------------------------|--|------|------------|
| Upper Flammable Limit            | Not Available  |      |            |
| Lower Flammable Limit            | Not Available  |      |            |
| Extinguishing Media              | CO <sub>2</sub> , dry chemical, foam, water spray, water fog |      |            |
| Special Fire Fighting Procedures | None   |      |            |
| Ratings                          | Health   | Fire | Reactivity |
| NFPA                             | 1  | 1    | 0          |
| HMIS                             | 1  | 1    | 0          |

**Unusual Fire and Explosion Hazards:** Combustible at high temperatures. Irritating or toxic substance may be emitted upon thermal decomposition. Never use welding or cutting torch on or near container (even empty).

**Firefighting Procedures:** Wear self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode when fighting fires.

## 6 Accidental Release Measures

Stop spill or leak at source. Contain spill if possible. Wipe up or absorb on suitable absorbent material and transfer into container.

Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify proper authorities as required that a spill has occurred. Contaminated absorbent material must be disposed of in accordance with local, state and federal regulations.

## 7 Handling and Storage

Containers when emptied still contain product residues. All hazard precautions given in this data sheet must be observed.

## 8 Exposure Control/ Personal Protection

- **Eye Protection:** Wear safety glasses or chemical goggles to prevent eye contact.
- **Skin Protection:** Wear impervious gloves and protective clothing to prevent skin contact.
- **Respiratory Protection:** No special respiratory protection is usually necessary. However, if operating conditions create high airborne concentrations, the use of a NIOSH/MSHA approved respirator is recommended.
- **Ventilation:** Use adequate ventilation to keep the airborne concentration of this material below recommended exposure level.



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| 9 Physical and Chemical Properties |                       |
|------------------------------------|-----------------------|
| Vapor Pressure                     | Not Available         |
| Specific Gravity                   | 0.86 to 0.89 @ 15.6°C |
| Water Solubility                   | Insoluble             |
| Percent Volatile                   | Not Available         |
| Vapor Density (air = 1)            | Not Available         |
| Boiling Point                      | Not Available         |
| Odor                               | Mild                  |
| Appearance                         | Colored Liquid        |

| 10 Stability and Reactivity |  |
|-----------------------------|--|
| Hazardous Polymerization    | Cannot occur                               |
| Stability                   | Stable                                     |
| Incompatibility             | Avoid contact with strong oxidizing agents |

**11 Toxicological Information**  
**Skin Contact:** May cause skin irritation.  
**Inhalation:** May cause irritation.

**12 Ecological Information**  
**Ecotoxicity:** None known.

**13 Disposal Considerations**  
**Waste Treatment Methods:**  
**Disposal of Wastes:** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging:** Disposal should be in accordance with applicable regional, national and local laws and regulations.

| 14 Transportation Information |  |
|-------------------------------|--|
| DOT Proper Shipping Name      | Not designated as a hazardous material by the Federal DOT. |
| DOT Hazard Class              | Not applicable   |
| DOT Identification Number     | Not applicable   |

**15 Regulatory Information**  
**Title III Section 311 Hazard Categorization:**

|         |   |                |
|---------|---|----------------|
| Acute   |   | Pressure       |
| Chronic |   | Reactive       |
| Fire    | X | Not Applicable |

**16 Other Information**  
**Comments:** The information contained herein is believed to be accurate, but it is not warranted to be whether originating within the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

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| Prepared By  | Date Prepared |
|--------------|---------------|
| John Purcell | 10/15/15      |