



Safety Data Sheet

Universal NZP
Hydraulic Oils

SDS #16 19 25A

Date Prepared: 10/15/15

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1 Product Identification

Product Name

Universal NZP Hydraulic Oils

SDS

16 19 25 A

Recommended Use of the Chemical

And Restrictions on Use

Ashless Hydraulic Oils

Supplier Address

Universal Oil, Inc.

265 Jefferson Ave

Cleveland, Oh 44113

sales@universaloil.com

Company Phone Number 1-216-771-4300

2 Hazard Identification

Not Hazardous	
Threshold Limit Value	None Established
Oil Mist	5 mg/m ³ - 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 of Ingredients

Ingredient	CAS #	% by wt.	PEL	TLV
Petroleum Distillate	64742-65-0	≤100	5mg/m ³	5mg/m ³
Petroleum Distillate	64742-62-7	≤100	N/A	N/A

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	400 min.		
Upper Flammable Limit	Not Available		
Lower Flammable Limit	Not Available		
Extinguishing Media	CO ₂ , dry chemical, foam, water spray, water fog		
Special Firefighting 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.

- **Ventilation:** Use adequate ventilation to keep the airborne concentration of this material below recommended exposure level.

8 Protective Equipment

- **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.

9 Physical Data

Vapor Pressure	Not Available
Specific Gravity	0.86 to 0.90 @ 15.6°C



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Water Solubility	Insoluble
Percent Volatile	Not Available
Vapor Density (air = 1)	Not Available
Boiling Point	Not Available
Odor	Mild
Appearance	Clear Amber Liquid

10 Reactivity Data

Hazardous Polymerization	Cannot occur
Stability	Stable
Incompatibility	Avoid contact with strong oxidizing agents

11 Toxicological Information

None Known.

12 Ecological Information

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 Requirements

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

SARA Title III Section 311 Hazard Categorization:

Acute		Pressure
Chronic		Reactive
Fire	X	Not Applicable

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
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16 Other Information