

## 1 Product and Company Identification

### Product Name

Unicut Metalworking Fluids 100, 300, 500 Series

### SDS #

16 28 01 A

### Recommended Use of the Chemical and Restrictions on Use

Various metalworking applications

### Supplier Address

Universal Oil  
 265 Jefferson Ave  
 Cleveland, Oh 44113  
 sales@universaloil.com

**Company Phone** 1-771-4300

**Emergency Phone** 1-800-362-1530

- **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	270°F Min. COC		
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

## 2 Hazards Identification



**Signal Word: Warning**

## 3 Components

Ingredient	CAS #	% by volume	PEL	TLV
Dewaxed Paraffinic Distillate	64742-62-7 64742-65-0 64741-44-2	0-95%	5mg/m <sup>3</sup> Note (1)	5mg/m <sup>3</sup> Note (1)

**Note: (1)** Oil Mist - Mineral

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.

## 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.

**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

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

### Spill or Leak Procedures

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.

## 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



# Safety Data Sheet

Unicut Metalworking Fluids  
100, 300 & 500 Series  
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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.

9 Physical Data	
Vapor Pressure	Not Available
Specific Gravity	0.82 – 0.92 @ 15.6°C
Water Solubility	Insoluble
Percent Volatile	Not Available
Vapor Density (air = 1)	Not Available
Boiling Point	Not Available
Odor	Bland
Appearance	Clear

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

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

**Effects of Acute Overexposure:** The health effects noted are consistent with requirements under OSHA

12 Ecological Information	
No Data Available	

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

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 Other Regulatory Information			
SARA Title III Section 311 Hazard Categorization:			
	Acute		Pressure
	Chronic		Reactive
	Fire	X	Not Applicable

## 16 Regulatory 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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