

1 Product and Company Identification

Product Name
Oil Con-O-Draw 1000
SDS #
18-28-02 A
**Recommended Use of the Chemical
And Restrictions on Use**
Drawing Lubricant
Supplier Address
Universal Oil, Inc.
265 Jefferson Ave
Cleveland, Oh 44113
sales@universaloil.com
Company Phone Number 1-216-771-4300
Emergency Phone Number 1-800-362-1530

2 Hazards Identification

Appearance:	Clear / Dark
Odor:	Mild
Warning Statement:	Do not add nitrites, this product contains amines which may react, under certain conditions with nitrosating agents to form nitrosamines.



Signal Word: Warning

Potential Health Effects

Primary Route Of Exposure			
Eye	Skin	Inhalation	Ingestion
X	X	X	

Health studies have shown that many petroleum hydrocarbons and synthetic lubricants pose potential human health risks which may vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.

Carcinogen listed by – IARC (no) NTP (no) OSHA (no) ACGIG (no). Pre-existing medical conditions aggravated by exposure-skin disorders.

3 Composition/Information on Ingredients

The criteria for listing components in the composition section is as follows: Carcinogens are listed when present at 0.1% or greater; Components which are otherwise hazardous according to OSHA are listed when present at 1.0% or greater. Ingredients not precisely identified are either proprietary or nonhazardous. Values are not product specifications.

CAS Number	% Concentration	Chemical Name
64742-52-5	<40	Petroleum Distillate
068608-26-4	<30	Sodium Sulfonate
107-41-5	<10	Hexylene Glycol
102-71-6	<5	Triethanolamine

4 First Aid Measures

- **Inhalation:** Vapor inhalation under ambient conditions is normally not a problem. If overcome by vapor from hot product, remove from exposure, contact a physician immediately if any type of irritation or discomfort persists.
- **Skin:** Concentrate may irritate skin. At 10% concentration in water, no damage or only minimal irritation is expected. In case of skin contact wash area with large amounts of soap and water.
- **Eyes:** Concentrate will irritate or damage eyes. If concentrate or diluted product is splashed into eyes, flush immediately with clean water for 15 minutes or until irritation subsides.
- **Ingestion:** If ingested. **DO NOT** induce vomiting, product is alkaline. Call a physician immediately.

5 Fire Fighting Measures

Ignition Temperature-AIT:	Not Determined
Flash Point:	340°F min.
Flammable Limits (%):	Lower Not Determined Upper Not Determined
Extinguishing Media	Use water spray, dry chemical, foam, or carbon dioxide.
Fire & Explosion Hazards:	Not Determined.
Special Fire Fighting Instructions:	Wear self-contained breathing apparatus. Wear structural firefighters protective clothing.

Ratings	Health	Fire	Reactivity
NFPA	2	1	0
HMIS	2	1	0

Specific Hazard: None known

6 Accidental Release Measures

Contain spill: Use personal protective equipment stated in Section 7. Advise EPA; State agency if required. Absorb on inert material. Shovel, sweep, or vacuum spill.

7 Handling & Storage

- **Precautions to be taken in handling:** Wash thoroughly after handling.
- **Storage:** Periods of exposure to high temperature should be minimized.



Safety Data Sheet

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8 Exposure Control/Personal Protection

Consult with a Health/Safety professional for specific selection.

- **Ventilation:** Ventilate as needed to comply with exposure limit. Mechanical ventilation recommended.
- **Eye:** Splash proof chemical goggles recommended to protect against splash of product.
- **Gloves:** Protective gloves recommended when prolonged skin contact cannot be avoided. The following glove materials are acceptable: Polyethylene, Neoprene; Nitrile; Viton.
- **Respirator:** Concentration in air determines protection required. Use only NIOSH certified respiratory protection. Respiratory protection usually not needed unless product is heated or misted.
- **Other:** If contact is unavoidable, wear chemical resistant clothing. The following materials are acceptable as protective clothing materials: Polyethylene; Neoprene; Viton; Viton, Polyurethane. Launder soiled clothes.

9 Physical & Chemical Properties

Physical State:	Liquid
Appearance:	Clear / Dark
Odor:	Mild
Odor Threshold:	N/E
Specific Gravity:	1.0447
Viscosity:	>500 SUS @ 100°F
Solubility in Water:	Complete in all proportions
Vapor Pressure:	N/E
pH:	9.0 @ 33%
% Volatile by Volume:	nil

10 Stability & Reactivity

Chemical Stability:	Stable
Incompatible Materials:	Strong Oxidizers
Hazardous Decomposition:	Carbon oxides & asphyxiates
Polymerization:	Will not occur

11 Toxicological Information

This product contains no components present at concentrations equal to or greater than 0.1% listed by IARC, OSHA, NTP or ACGIH as a carcinogen.

12 Ecological Information

Do not discharge this product into public waters or waterways unless authorized by a National Pollution Discharge Elimination System (NPDES) permit

issued by the Environmental Protection Agency (EPA).

13 Disposal Considerations

Follow Federal, State and Local regulations. Not a RCRA hazardous waste if uncontaminated. If "used", RCRA criteria (ignitability, reactivity, corrosivity, toxicity characteristics) must be determined. Do not flush to drain/storm sewer. Contract to authorized disposal service.

14 Transportation Information

DOT:	Proper Shipping Name	Metalworking Fluid
	Hazard Class	Not Regulated
	Identification Number	Not Regulated
	Label Required	Not Regulated
IMDG:	Proper Shipping Name	No Data Available
IATA:	Proper Shipping Name	No Data Available

15 Regulatory Information

SARA 302 Threshold Planning Quantity:	N/A
SARA 304 Reportable Quantity:	N/A
SARA 311 Hazardous Classification:	NA
SARA 313 Toxic Chemical:	This product does not contain any chemicals subject to the reporting requirements.

16 Other Information

We assigned NFPA and HMIS ratings to this product based on the hazards of its ingredient(s). Because the customer is the most aware of the application of the product, he must ensure that the proper personal protective equipment is provided consistent with the information contained in the product MSDS.

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 John Purcell
Date Prepared 10/15/15