

Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH)

Trade name: UNI Foam Filter Oil

Product. No: UFF 16

Specification No:

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Print date:13-Jun-12

Revision date:13-Jun-12

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

1.1.1 Trade name/designation:

UFF 16 Oil

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Relevant identified uses:

Petroleum Lubricating Oil

1.2.2 Uses advised against:

All others not listed above

1.3 Details of the supplier

1.3.1 Supplier:

Rosemead Oil Products, Inc

PO Box 2645

Santa Fe Springs, CA 90670

1.3.2 Information contact

(562)941-3261

1.4 Emergency Telephone Number

800-443-9300

Section 2: Hazards identification

2.1 Classification of the substance or mixture:

2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]

Carc. 1B

2.1.2 Classification according to 67/548/EEC or 1999/45/EC

T; R45; S53, S45

2.1.3 Additional information:

This product has a low order of toxicity and does not require a cancer hazard warning.

2.2 Label elements

2.2.1 Labeling according to Regulation (EC) No 1272/2008

Product identifier:

UNI Foam Filter Oil

Hazard pictograms:



Signal word:

Caution

Hazard statements:

R45

Precautionary statements:

S53, S45

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2.3 Other hazards

Adverse physicochemical effects:

Adverse human health effects and symptoms:

- Ingestion: Few or no symptoms expected. If any, nausea and diarrhea might occur.
Low order of toxicity. Product may cause irritation in very sensitive individuals.
- Inhalation: Symptoms: irritation of the respiratory tract due to excess fume, mists or vapor exposure.
No adverse affects on short term exposure.
- Eyes: Symptoms: slight irritation. May cause burn in case of contact with product at high temperatures.
Expected to cause no more than mild irritation, except in very sensitive individuals.
- Skin: Symptoms: dry skin, irritation may arise in case of repeated or prolonged exposure. May cause burn in case of contact with product at high temperatures.
Expected to cause no effects, except for prolonged exposure in sensitive individuals.

Adverse environmental effects:

Other adverse hazards:

Section 3: Composition/information on ingredients

3.1 Description of the mixture:

CAS No	EC No	INDEX No	% [weight]	Name	Classification according to 67/548/EEC
64742-54-7	265-157-1	649-467-00-8	>3%	Distillates(petroleum), hydrotreated heavy paraffinic	T; R45; S53, S45
64742-65-0	265-169-7	649-474-00-6	>3%	Distillates(petroleum), solvent-dewaxed heavy paraffinic	T; R45; S53, S45
64742-58-1	265-161-3		>3%	Lubricating oils(petroleum), hydrotreated spent	-
64742-62-7	265-166-0	649-471-00-X	>3%	Residual oils(petroleum), solvent-dewaxed	T; R45; S53, S45
Mixture	-	-	<3%	Proprietary Additives	-

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Section 4: First Aid Measures

- 4.1 Description of first aid measures
- 4.1.1 General information:
 - This product has a low order of toxicity and does not require a cancer hazard warning.
- 4.1.2 Eye contact:
 - Flush with fresh water for at least 15 minutes. Call a physician if irritation persists.
- 4.1.3 Inhalation:
 - Remove individual to a quiet and well ventilated place if safe to do so.
 - If the individual is unconscious and:
 - Not breathing: ensure that there is no obstruction to breathing and give artificial respiration by trained personnel. If necessary, give external cardiac massage and obtain medical assistance.
 - Breathing: place in recovery position. Administer oxygen if necessary.
 - Obtain medical assistance if breathing remains difficult.
- 4.1.4 Skin contact:
 - Remove contaminated clothing and footwear, and launder before reuse.
 - Wash affected area with soap and water.
 - Seek medical attention if skin irritation, swelling or redness develops and persists.
 - For minor thermal burns:
 - Cool the burn. Hold the burned area under cold running water for at least five minutes, or until the pain subsides. However, body hypothermia must be avoided.
 - Do not put ice on the burn; Remove non-sticking garments carefully. Do Not attempt to remove portions of clothing glued to burnt skin but cut around them.
 - Seek medical attention in all cases of serious burns.
- 4.1.5 Ingestion:
 - If ingested, Do Not induce vomiting; call a physician immediately.
 - Do not give anything by mouth to an unconscious person.
 - If vomiting occurs, the head should be kept low so that the vomit does not enter the lungs. Once vomiting ceases, place the person in the recovery position with the legs slightly raised.

Section 5: Firefighting measures

- 5.1 Extinguishing media:
 - 5.1.1 Suitable extinguishing media:
 - Carbon Dioxide, Dry Chemical, Foam, Water Fog or Spray (avoid using water stream) and Vaporizing Liquid.
 - 5.1.2 Unsuitable extinguishing media:
 - Do not use direct water jets on the burning product; they could cause splattering and spread the fire. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam.
- 5.2 Special hazards arising from the substance or mixture
- 5.2.1 Hazardous combustion products:
 - Fumes, smoke, carbon monoxide, sulfur oxides and toxic gases.
- 5.3 Advice for fire-fighters:
 - SCBA recommended. Use water to keep sealed containers cool. Water stream may cause splattering or transport flame. Water spray may be used to flush spills away from exposures or to disperse vapors.

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Section 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures
 - 6.1.1 For emergency responders
 - Personal protective equipment:
 - Small spills: Normal anti-static working clothes.
 - Large spills: Full body suit of chemically resistant and antistatic material.
 - 6.2 Environmental precautions:
 - Prevent product from entering sewers, rivers, waterways or other bodies of water.
 - 6.3 Methods and material for containment and cleaning up
 - 6.3.1 For containment:
 - Stop or contain leak at the source if safe to do so. Avoid direct contact with released material. Stay upwind.
 - Keep non-involved personnel away from the area of spillage. Alert emergency personnel.
 - Except in cases of small spills, the feasibility of any actions should always be assessed and advised, if possible, by a trained, competent person in charge of managing the emergency.
 - It is recommended to eliminate all ignition sources if safe to do so (e.g. electricity, sparks, fires, flares).
 - If required, notify relevant authorities according to all applicable regulations.
 - 6.3.2 For cleaning up:
 - Land spills:
 - Prevent product from entering sewers, rivers, waterways or other bodies of water.
 - If necessary dike the product with dry earth, sand or similar non-combustible materials.
 - Large spills may be cautiously covered with foam, if available, to limit fire risk. Do not use direct jets.
 - When inside buildings or confined space, ensure adequate ventilation.
 - Absorb spilled product with suitable non-combustible materials.
 - Collect free product with suitable means. Transfer collected product and other contaminated materials to suitable tanks or containers for recycle, recovery or safe disposal.
 - In case of soil contamination, remove contaminated soil for remediation or disposal according to local regulations.
 - Spills in water or at sea:
 - In case of small spills in closed waters (i.e. ports), contain product with floating barriers or other equipment. Collect spilled product by absorbing with specific floating absorbents.
 - If possible, large spills in open waters should be contained with floating barriers or other mechanical means. If this is not possible, control the spreading of the spill, and collect the product by skimming or other suitable mechanical means.
 - The use of dispersants should be advised by an expert, and, if required, approved by local authorities.
 - Collect recovered product and other contaminated materials in suitable tanks or containers for recovery or safe disposal.
- 6.4 Additional information:
 - This product may be classified as an oil under Section 311 of the Clean Water Act and Oil Pollution Act. Spills or discharges into or leading to surface waters, that cause a sheen, must be reported to the National Response Center.

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Section 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 Protective measures:

7.1.1.1 Fire preventions:

Take precautionary measures against static electricity.

It is recommended to keep away from sparks/open flames/hot surfaces. – No smoking.

7.1.1.2 Environmental precautions:

Prevent product from entering sewers, rivers, waterways or other bodies of water.

7.1.2 Advice on general occupational hygiene

Ensure adequate ventilation.

Wear recommended protective equipment.

Keep away from food and beverages.

Wash skin with soap and water after handling and before consumption of food.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

Store in approved containers.

Keep in well ventilated areas.

Keep away from sources of ignition and strong oxidants.

Storage class:

3B: Flammable liquids (VbF Hazard class: A III)

Section 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1 Occupational exposure limits:

Limit value type (country of origin)	Substance name	EC-No.	CAS-No	Limit value	Monitoring and observation processes
TLV	UFF 16 Oil			5 mg/m ³	

8.2 Exposure controls

8.2.1 Appropriate engineering controls:

Use with adequate ventilation to maintain exposure levels below the limit.

8.2.2 Personal protective equipment:

8.2.2.1 Eye/Face protection:

Goggles or face shield, if splashes or contact with eyes is possible or anticipated.

8.2.2.2 Skin protection:

Work gloves providing adequate chemical resistance, specifically to aromatic hydrocarbons.

8.2.2.3 Respiratory protection:

Respiratory protection will be necessary only in special cases (e.g. formation of mists). A half or full-face respirator with combined dust/organic vapor filter(s), or a Self-Contained Breathing Apparatus (SCBA).

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Section 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

9.1.1 Appearance

Physical state: Liquid Color: Clear Odor: Oily Odor threshold: No Data

9.1.2 Safety relevant basic data

pH (20 °C): Neutral

Melting point/range(°C): No Data

Initial boiling point/range (°C):>260

Decomposition temperature (°C): No Data

Flash point (°C): >148.889

Ignition temperature (°C): No Data

Vapor pressure (hPa) at 20°C: <0.133

Vapor density (air = 1): >5

Density (g/cm³)at °C: No Data

Bulk density (kg/m³): No Data

Water solubility (20°C in g/l): Negligible

Solubility(ies): No Data

Partition coefficient: No Data

N-Octanol/Water (log Po/w): No Data

Viscosity, dynamic (mPa s): No Data

9.1.3 Physical hazards:

Flammable liquids

9.2 Other safety information:

Properties of explosive atmospheres (mixtures):

Gases and vapors: No Data

Dusts: No Data

Physical chemical properties of nanoparticles: No Data

Limiting oxygen concentration: No Data

Bulk density: No Data

Solubility in different media: No Data

Stability in organic solvents and identity of relevant degradation products: No Data

Evaporation rate: No Data

Conductivity: No Data

Surface tension: No Data

Dissociation constant in water (pKa): No Data

Oxidation-reduction Potential: No Data

Fat solubility (solvent – oil to be specified): No Data

Critical temperature: No Data

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Section 10: Stability and reactivity

- 10.1 Reactivity:
Not reactive
- 10.2 Chemical stability:
Stable
- 10.3 Possibility of hazardous reactions
Hazardous polymerization will not occur.
- 10.4 Conditions to avoid:
Avoid contact with incompatible materials. Keep away from sources of ignition.
- 10.5 Incompatible materials:
Strong oxidants such as Liquid Chlorine, Concentrated Oxygen, Sodium Hypochlorite, Calcium Hyperchlorite, etc., as this presents a serious explosion hazard.
- 10.6 Hazardous decomposition products:
Fumes, smoke, carbon monoxide, sulfur oxides and toxic gases.

Section 11: Toxicological Information

11.1 Information on toxicological effects:

	Effect dose / Concentration	Species	Method	Time
Acute oral toxicity	>5 g/kg of body weight	Rat	LD ₅₀	
Acute dermal toxicity	>3.16 g/kg of body weight.	Rabbit	LD ₅₀	

11.2 Other information:

11.2.1 In case of ingestion:

Swallowing product may cause irritation of the gastrointestinal lining, nausea, vomiting, diarrhea and abdominal pain.

11.2.3 In case of skin contact:

Repeated and prolonged overexposure to oil and/or oil mists may cause irritation, inflammation and increased incidence of infection.

11.2.4 In case of inhalation:

Product may cause irritation of the respiratory tract if exposed to excess fumes, mists or vapor.

11.2.5 In case of eye contact:

Product contacting eyes may cause irritation.

Section 12: Ecological information

12.1 Toxicity:

Aquatic toxicity

This product is expected to have adverse affects if released into the environment. Do not discharge or release this product to the environment, public waters or waterways.

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Section 13: Disposal considerations

13.1 Waste treatment methods

13.2 Product/packaging disposal:

Disposal options for this product are determined by federal, state and local regulations and the conditions under which it may have been used. This product is recyclable.

13.3 Waste codes/waste designations according to EWC/AVV:

13 02 08*

13.4 Other disposal recommendations:

Consult federal, state, and local regulations for the proper disposal method.

13.5 Additional information:

Any waste marked with an asterisk (*) is considered as a hazardous waste pursuant to Directive 91/689/EEC on hazardous waste, and subject to the provisions of that Directive unless Article 1(5) of that Directive applies.

Section 14: Transport Information

14.1 Land transport (CFR 49: DOT)

This product is not classified as hazardous by DOT Standards

UN-No:

Proper shipping name:

Class(es):

Classification Code:

Packing group:

Hazard label(s)

Special provision(s):

14.2 Land transport (ADR/RID/GGVSE):

This product is not classified as hazardous by ADR Standards

UN-No:

Proper shipping name:

Class(es):

Classification Code:

Packing group:

Hazard label(s):

Special provision(s):

14.3 Sea transport (IMDG-Code/GGVSee):

This product is not classified as hazardous by IMO Standards.

UN No:

Proper shipping name:

Class(es):

Packing group:

Marine Pollutant:

Special provision(s):

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14.4 Air transport (ICAO-IATA/DGR):

This product is not classified as hazardous by ICAO Standards.

UN No:

Proper shipping name:

Class(es):

Packing group:

Special provision(s):

Section 15: Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the mixture

15.1.1 National regulations(USA):

SARA Sec. 301-304:

No TPQ for product or any constituent greater than 1% or 0.1% for carcinogen.

SARA Sec. 313:

No toxic chemical is present greater than 1% or 0.1% for carcinogen.

SARA Sec. 311-312:

No EPA Hazard Classification Code.

TSCA:

All components are listed on the U.S. TSCA inventory, does not contain polychlorinated biphenyls.

OSHA:

This product requires a warning label.

15.1.2 National regulations(Europe):

Hazard statements:

R45

Precautionary statements:

S53, S45

Section 16: Other Information

16.1 Relevant R-, H- and EUH-phrases (number and full text):

R45: May cause cancer.

S53: Avoid exposure – obtain special instructions before use.

S45: In case of accident or if you feel unwell seek medical advice immediately (show label where possible.)

16.2 Further information:

The information contained in this Material Safety Data Sheet has been compiled from the most reliable and accurate sources available at the time this document was prepared. However, no liability shall be accepted by Rosemead Oil Products, Inc. or UNI Filter for injury or loss resultant of the use of the product or information contained in this document.

The information contained in this document is intended to be used in conjunction with applicable standards for training, work practices and facility design established by such organizations as OSHA, NIOSH, NFPA, API, NEC, NSC, Underwriters, Bureau of Mines and others.

The information and recommendations are offered for the user's consideration and examination. It is the user's responsibility to satisfy itself that they are suitable and complete for their particular use.