

SAFETY DATA SHEET

Used Motor Oil (UMO)

Section 1: Product and Company Identification

Product Identifier	BT UMO	
Other Means of Identification	Waste Oil; Used Lubricating Oil	
Recommended Use	Oil mixture for Re-Refining	
Recommended Restrictions	None known	

Manufacturer/Importer/Supplier/Distributor Information

Company Name	Blue Tide Environmental, LLC	
Address	5841 Legacy Circle, Suite 250D Plano, TX 75024	
Telephone	Technical Questions	(469) 956-3336
Website	www.bt-env.com	
Emergency Phone Number	Chemtrec	(800) 424-9300

Section 2: Hazard Identification

Classification of the substance or mixture

OSHA HCS 2012	Skin Irritation – Category 3; Eye Irritation – Category 2B
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Label Elements

Hazard Symbol	None
Signal Word	Warning
Hazard Statement	Causes mild skin irritation. Causes eye irritation.
Precautionary Statement	
Prevention	Observe good industrial hygiene practices
Response	Wash hands after handling
Storage	Store away from incompatible materials
Disposal	Dispose of waste and residues in accordance with local authority requirements
Hazard(s) not otherwise classified (HNOC)	None known

SAFETY DATA SHEET

Used Motor Oil (UMO)

Section 3: Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Wt%</u>
Lubricating Oils, Used	64742-55-8	80-100
Light Hydrocarbons to include gasoline, diesel fuel, jet fuel, mineral spirits etc.	Not Available	0-5
Water/Solids	Not Available	0-20

Concentration expressed as ranges due to composition variability. Contains <1000 ppm Total Halogens.

Section 4: First Aid Measures.

Inhalation	Move to fresh air and keep at rest in a position comfortable for breathing. Call for medical attention if required
Skin Contact	Wash off with soap and water. Get medical attention if irritation develops and persists
Eye Contact	Rinse with Water. Get medical attention if irritation develops and persists
Ingestion	Rinse mouth. Immediately call Poison Center or <u>Doctor/Physician</u>
Most Important Symptoms/Effects	Acute: No information on significant adverse effects Delayed: No information on significant adverse effects
Indication of any immediate medical attention and special treatment needed	Treat symptomatically and supportively

SAFETY DATA SHEET

Used Motor Oil (UMO)

Section 5: Fire Fighting Measures

Suitable extinguishing media	Water fog. Foam. Dry Chemical Powder. Carbon dioxide (CO2)
Unsuitable extinguishing media	Do not use water jet as an extinguisher, this will spread the fire
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire
Firefighting equipment/Instructions	Move containers away from fire area if you can do so without risk
General Fire Hazards	No unusual fire or explosion hazards noted

Section 6: Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures	Keep unnecessary personnel away. For personal protection see Section 8 of the SDS. Avoid release to the environment
Methods and materials for containment and cleaning up	<p>Small Spills: Wipe up with absorbent material (e.g., cloth, fleece). Clean surface thoroughly to remove residual contamination</p> <p>Large Spills: Stop the flow of material if this is without risk. Dike the spilled material, where this is possible. Absorb with an inert material such as vermiculite, dry sand or earth and place into suitable containers. Following product recovery, flush area with water</p>
Environmental Precautions	Never return spills in original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid discharge into drains, water courses or onto the ground

Section 7: Handling and Storage

Precautions for Safe Handling	Observe good industrial hygiene practices
Conditions for Safe Storage, including any incompatibilities	Store in accordance with local/regional/national/international regulation. Store away from incompatible materials (see Section 10 of the SDS)

SAFETY DATA SHEET

Used Motor Oil (UMO)

Section 8: Exposure Controls / Personal Protection

Occupational Exposure Limits	No exposure limits noted for ingredient(s)
Biological Limit Values	No biological exposure limits noted for the ingredient(s)
Appropriate Engineering Controls	Provide general ventilation

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection	If contact is likely, safety glasses with side shields are recommended. Additional protection like goggles, face shields maybe needed. Eye wash fountain and emergency showers are recommended. Contact lens use is not recommended
Hand Protection	For prolonged or repeated skin contact use suitable protection gloves
Other	Wear suitable protective clothing
Respiratory Protection	No personal respiratory protective equipment normally required
Thermal Hazards	Wear appropriate thermal protective clothing, when necessary
General Hygiene Considerations	Always observe good personal hygiene measures, such as washing after handling the material and before drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants

Section 9: Physical and Chemical Properties

Appearance	Liquid
Physical State	Liquid
Form	Liquid
Color	Dark Brown to Black
Odor	Petroleum
Odor Threshold	Not available
pH	Not available
Melting Point/Freezing Point	Not available
Initial Boiling Point and Boiling Range	>260°C (500°F)
Flash Point	60-121°C (140-250°F) PMCC
Evaporation Rate	Not available
Flammability (solid, gas)	Not available

Upper/Lower Flammability or Explosive Limits	
Flammability Limit – Lower (%)	Not available

SAFETY DATA SHEET

Used Motor Oil (UMO)

Flammability Limit – Upper (%)	Not available
Explosive Limit – Lower (%)	Not available
Explosive Limit – Upper (%)	Not available

Vapor Pressure	Not available
Vapor Density	Not available
Relative Density @ 15°C	0.87-0.89

Solubility (water)	Insoluble
Partition coefficient (n-octanol/water)	Not available
Auto-ignition temperature	Not available
Decomposition Temperature	Not available
Viscosity @ 40°C	39.54 cSt

Other Information	
Pour Point	Not Available

Section 10: Stability and Reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage, and transport
Chemical Stability	Material is stable under normal conditions
Possibility of Hazardous Reactions	No dangerous reaction known under conditions of normal use
Conditions to Avoid	Avoid temperatures exceeding the flash point
Incompatible Materials	Strong oxidizing agents, acids
Hazardous Decomposition Products	None under normal temperatures and pressures

Section 11: Toxicological Information

Information on Likely Routes of Exposure:

Ingestion	No information on significant adverse effects
Inhalation	No information on significant adverse effects
Skin Contact	Prolonged or repeated exposure may cause skin irritation
Eye Contact	Prolonged or repeated exposure may cause eye irritation

SAFETY DATA SHEET

Used Motor Oil (UMO)

Product Toxicity Data

Acute Toxicity Estimate	No information on significant adverse effects
Immediate Effects	No information on significant adverse effects
Delayed Effects	No information on significant adverse effects
Irritation/Corrosivity Data	OSHA HCS 2012 – Skin Irritation 3; Eye Irritation 2B

Respiratory or Skin Sensitization

Respiratory Sensitization	No information available for the product
Skin Sensitization	No information available for the product
Germ Cell Mutagenicity	No information available for the product
Tumorigenic Data	No information available for the product
Reproductive Toxicity	No information available for the product
Specific Target Organ Toxicity – Single Exposure	No information available for the product
Specific Target Organ Toxicity – Repeated Exposure	No information available for the product
Aspiration Hazard	No information available for the product

Section 12: Ecological Information

Ecotoxicity	No information is available for the product
Persistence and Degradability	No information is available for the product
Bioaccumulative Potential	No information is available for the product
Mobility in Soil	No information is available for the product

Section 13: Disposal Considerations

Disposal Instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site
Hazardous Waste Code	The waste code should be assigned in discussion between the user, the producer, and the waste disposal company
Waste from Residues/Unused Products	Dispose in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see Disposal Instructions)
Contaminated Packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal

SAFETY DATA SHEET

Used Motor Oil (UMO)

Section 14: Transport Information

DOT	Not regulated as dangerous goods
TDG	Not regulated as dangerous goods
IATA	Not regulated as dangerous goods
IMDG	Not regulated as dangerous goods
Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code	No data available

Section 15: Regulatory Information

Safety, health and environmental regulations/legislation for the substance or mixture

The following listing of regulations may not be complete and should not be solely relied upon for all regulatory compliance responsibilities.

Clean Air Act (CAA) – 1990 Hazardous Air Pollutants	Not Listed
SARA - Hazard Categories	Immediate Hazard – No Delayed Hazard – No Fire Hazard – No Pressure Hazard – No Reactivity Hazard – No
SARA 302 Extremely Hazardous Substance	Not listed
SARA 304 – Hazardous Substances and their Reportable Quantities	Not Listed
SARA 313 -TRI Reporting	Not Listed

United States – California

Not for sale in the State of California

Section 16: Other Information

NFPA Ratings	Health: 1 Fire: 2 Instability: 0 Hazard Scale: 0 = Minimal, 1 = Slight, 2 = Moderate, 3 = Serious, 4 = Severe
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SAFETY DATA SHEET

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Issue Date	06-22-2022
Revision Date	-
Version #	01

Key to Abbreviations	DOT – Department of Transportation TDG – Transportation of Dangerous Goods IATA = International Air Transport Association IMDG = International Maritime Dangerous Goods MARPOL 73/78 = International Convention for the Prevention of Pollution from Ships, 1973 as modified by the protocol of 1978 (MARPOL = Marine Pollution)
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