

Issue Date: 16-Jul-2015

Revision Date:

Version 1

1. IDENTIFICATION

Product Identifier

Product Name ONE SHOT PENETRATING OIL (AEROSOL)

Other means of identification

SDS #
ITEM# M-25340

UN/ID No UN 1950

Recommended use of the chemical and restrictions on use

Recommended Use Penetrating Lubricant

Details of the supplier of the safety data sheet

Supplier Address
Ashburn Chemical Technologies
7403 Wright Rd
Houston, TX 77041

Emergency Telephone Number

Company Phone Number 832-399-1000
Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Brown spray

Physical State Aerosol

Odor Petroleum-solvent like

Classification

Flammable Aerosol (liquefied gas)	Category 1
Eye irritant	Category 2B
Aspiration Hazard	Category 1

Hazard Not Otherwise Classified (HNOC): N/A

Signal Word

DANGER



Hazard Statements

Extremely flammable aerosol
Contains gas under pressure: May explode if heated
Causes skin and eye irritation
May be fatal if swallowed and enters airways

Precautionary Statements - Prevention

Wash hands thoroughly after handling.
 Keep away from heat, sparks, open flames, and hot surfaces. - No smoking
 Do not spray on an open flame or other ignition source
 Pressurized container: Do not pierce or burn, even after use.

Precautionary Statements – Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 If eye irritation persists: Get medical attention.
 IF SWALLOWED: Immediately call a poison center or doctor. Do NOT induce vomiting

Precautionary Statements – Storage

Store lock up. Do not expose/store to temperatures exceeding 50°C/122°F. Store in a well-ventilated place

Precautionary Statements – Disposal

Dispose of contents and container in accordance with local, state, and national regulations.

Unknown Acute Toxicity

About 0% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Isoparaffinic Hydrocarbon	64742-47-8	15-40
Mineral Seal Oil	64741-44-2	15-40
Petroleum Distillate, Solvent-Refined Heavy Paraffinic	64741-88-4	5-10
Petroleum Distillate, Solvent-Refined Light Paraffinic	64741-89-5	1-5
Mineral Spirits	64475-85-0	1-5
Ethyl Acetate	141-78-6	3-7
Propane / n-Butane	68476-86-8	10-30

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

First Aid Measures

General Advice	Provide this SDS to medical personnel for treatment.
Eye Contact	Rinse immediately with water for 15-20 minutes. If eye irritation persists: Get medical advice or attention
Skin Contact	Wash contact areas with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. If skin irritation persists, call a physician.
Inhalation	Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell
Ingestion	Do not induce vomiting without medical advice. Seek immediate medical attention/advice.

Most important symptoms and effects

Acute Health Hazard	Eyes: redness, tearing, blurred vision Skin: Prolonged or repeated contact may dry skin Oral: Aspiration risk.
Chronic Health Hazard	None known
Notes to Physician	If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish flames.

Unsuitable Extinguishing Media Do not use straight streams.

Specific Hazards Arising from the Chemical

Contents under pressure. Exposure to temperatures above 120°F may cause bursting.

Hazardous Combustion Products Oxides of carbon

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions See Section 8 for Personal Protective Equipment.

Environmental Precautions See Section 12 for additional Ecological Information.

Methods for Clean-Up Use absorbent on spill sweep to clean. Dispose in accordance with local, state and federal laws. Small releases may be wiped up with wiping material.

Waste Disposal Dispose of in accordance with local, State and Federal regulations. Do not dump in sewers. Use sand or other non-combustible absorbent material to clean up spill and place in container for later disposal. Containers may contain hazardous residue.

RCRA Status Waste solvent likely considered F003, Flammable, Non-halogenated solvent under RCRA, however product should be fully characterized prior to disposal (40 CFR 261)

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Wash face, hands, and any exposed skin thoroughly after handling. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warning and precautions listed for the product.

Conditions for safe storage, including any incompatibilities

Storage Conditions Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store locked up.

Incompatible Materials Strong oxidizing agents. Strong reducing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Isoparaffinic Hydrocarbon	5 mg/m3	5 mg/m3	
Mineral Seal Oil	5 mg/m3	5 mg/m3	

Petroleum Distillate, Solvent-Refined Heavy Paraffinic	Not Established	Not Established	
Petroleum Distillate, Solvent-Refined Light Paraffinic	Not Established	Not Established	
Mineral Spirits	300 ppm	500 ppm	-
Ethyl Acetate	400 ppm	400 ppm	-
Propane / n-Butane	1000 ppm	1000 ppm	-

Appropriate engineering controls

Engineering Controls General ventilation adequate

Individual protection measures, such as personal protective equipment

Personal Protective Equipment Safety glasses

Respiratory Protection Not required with adequate ventilation.

General Hygiene Considerations Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Aerosol	Odor	Chlorinated solvent-like
Appearance	Spray	Odor Threshold	Not determined
Color	Brown		
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
Melting Point	Not determined		
Boiling Point	> 180 °F / 82 °C		
Freezing Point	Not determined		
Flammability	Extremely flammable aerosol		
Flash Point	> 110 °F / 43 °C		
Auto-ignition Temperature	Not determined		
Upper / Lower Flammability Limit	Not determined		
Vapor Pressure (mm Hg)	30	mm Hg	
Vapor Density	> 1	(Air = 1)	
Evaporation Rate	< 1	(butyl acetate = 1)	
Specific Gravity	0.83	@ 77°F / 25°C	
pH	Not determined		
Solids	0%		
Water Solubility	0%		
Solubility in other solvents	Not determined		
Partition Coefficient	Not determined	n-Octanol/Water (K _{OW})	
Volatility Including Water	22% Volatile		
VOC Content (%)	21%		
Dielectric Strength (Volts)	Not determined		
Decomposition Temperature	Not determined		
Viscosity	Not determined		

10. STABILITY AND REACTIVITY

Reactivity Chemically active metals and bases.

Chemical Stability Stable under recommended storage conditions.

Possibility of Hazardous Reactions None under normal processing.

Conditions to Avoid Temperatures greater than 122°F and source of ignition.

Incompatible Materials Strong acids, strong oxidizing agents.

Hazardous Decomposition Products Oxides of carbon, chlorine.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye Contact May cause severe irritation, redness.

Skin Contact May cause irritation, localized defatting, dermatitis, with prolonged or repeated contact.

Inhalation May cause irritation to the respiratory tract, dizziness, headaches, drowsiness, unconsciousness.

Ingestion May cause gastrointestinal irritation, nausea, diarrhea, vomiting, abdominal cramps.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Isoparaffinic Hydrocarbon (64742-47-8)	5000 mg/kg (Rat)	2000 mg/kg (Rabbit)	5000 mg/kg (Rat) 8 hr
Ethyl Acetate (141-78-6)	5620 mg/kg (Rat)	4935 mg/kg (Rabbit)	5 mg/L (Rat) 4 hr
Propane/n-Butane (68476-86-8)	-	-	685 mg/m ³ (Rat) 4 hr

Information on physical, chemical and toxicological effects

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A

12. ECOLOGICAL INFORMATION

Ecotoxicity **Isoparaffinic Hydrocarbon (64742-47-8)**
Not expected to be harmful or demonstrate chronic toxicity toward aquatic organism.

Ethyl Acetate (141-78-6)
LC50 (Fathead Minnow, 96hr) 220 mg/L; (Indian Catfish, 96hrs) 212.5 ppm

Persistence/Degradability Component(s) of this product are not biogradable.

Bioaccumulation This product is not expected to bioaccumulate.

Mobility This product is mobile in soil.

Other Ecological Hazard This material is toxic to aqua life.

13. DISPOSAL CONSIDERATIONS

Disposal of Wastes Dispose of in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.

RCA Status Waste solvent likely considered F003, Flammable, Non-halogenated solvent under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

14. TRANSPORT INFORMATION

DOT

UN/ID No UN1950
Proper Shipping Name Aerosols, Ltd. Qty
Hazard Class / Division 2.1

Air shipment

UN/ID No UN1950
Proper Shipping Name Aerosols, Ltd. Qty
Hazard Class / Division 2.1

IMO/IMDG

UN/ID No UN1950
Proper Shipping Name Aerosols, Ltd. Qty
Hazard Class / Division 2.1
Environmental Hazard Water N/A

15. REGULATORY INFORMATION

International Regulations None-known

US Federal Regulations

TSA STATUS All Chemicals are listed or exempt.

CERCLA **Ethyl Acetate** (141-78-6) Reportable Quantity = 5,000 lbs

SARA 311/312 Hazard Categories **Fire Health**

SARA 313 Reportable Ingredients None

California Prop 65 This product contains no known chemicals regulated by California’s proposition 65.

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	1	3	0	Not determined
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	1	3	0	A

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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet