

**1. IDENTIFICATION**

**Product Identification**

Product Name: Maxximum Performance Super Red Air Tool Oil  
 Product Number: 88813304  
 Recommended Use: Air Tool Oil

**Company Identification**

Reliance Fluid Technologies, LLC  
 3943 Buffalo Ave.  
 Niagara Falls, New York, 14303  
 1-716-332-0988 (For product information)

**Emergency Number:**

1-800-424-9300 or 1-703-527-3887 (CHEMTREC)

**2. HAZARDS IDENTIFICATION**

**OSHA/HCS STATUS:**

**This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).**

**CLASSIFICATION(S):**

Aspiration hazard; Category 1  
 Skin irritation: Category 2  
 Eye irritation: Category 2B

**LABEL ELEMENTS:**

**SYMBOL(S):**



**SIGNAL WORD:**

Danger

**HAZARD STATEMENT(S):**

May be fatal if swallowed and enters airways. Causes eye irritation. Causes skin irritation.

**PRECAUTIONARY STATEMENT(S):**

**GENERAL PRECAUTIONARY STATEMENT(S):**

If medical advice is needed, have product container or label at hand.  
 Keep out of reach of children.  
 Read label before use.

Hazard Rating		
	HMIS	NFPA
Health:	1	1
Flammability:	1	1
Reactivity:	0	0
Personal Protection:	B	-



**PREVENTION PRECAUTIONARY STATEMENT(S) :**

Wash hands [and ...] thoroughly after handling. Wear protective gloves/ protective clothing/eye protection/face protection/hearing protection/... Wash hands [and ...] thoroughly after handling. Do not touch eyes.

**RESPONSE PRECAUTIONARY STATEMENT(S) :**

IF SWALLOWED: Get emergency medical help immediately. Do NOT induce vomiting. IF ON SKIN: wash with plenty of water/... Specific treatment (see Section 4 on this label). If skin irritation occurs: Get medical help. Take off contaminated clothing and wash it before reuse. 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 help. \

**STORAGE PRECAUTIONARY STATEMENT(S) :**

Store locked up. Store in a dry place. Store in a closed container.

**DISPOSAL PRECAUTIONARY STATEMENT(S) :**

Dispose of contents/containers should be cleaned of residual product before disposal, and disposed of in accordance with all applicable laws and regulations.

**OTHER HAZARDS WHICH DO NOT RESULT IN CLASSIFICATION:**

No additional information available

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**COMPONENT LISTING:**

<u>Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>
Distillates (petroleum), Hydrotreated Light Paraffinic	50 - 70%	Proprietary
Naphtha (petroleum), hydrotreated heavy	10 - 20	Proprietary
Distillates (petroleum), hydrotreated light	10 - 20	Proprietary
Additives	< 3%	Proprietary

Any concentration shown as a range is to protect the confidentiality of formulation which is considered a trade secret.

### 4. FIRST AID MEASURES

**EYE CONTACT FIRST AID:**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation occurs, get medical assistance.

**SKIN CONTACT FIRST AID:**

Wash skin with plenty of soap and water while removing contaminated clothing and shoes.

**INHALATION FIRST AID:**

IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.

**INGESTION FIRST AID:**

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. If vomiting occurs, keep head low so that stomach content does not get into the lungs.

**NOTES TO PHYSICIAN:**

Aspiration may cause pulmonary edema and pneumonitis. Treat Symptomatically.



## 5. FIRE FIGHTING MEASURES

### **FLAMMABLE PROPERTIES**

Flash Point (Typical) Method: 101 °C (214 °F)  
Autoignition Temperature: N/A

### **NFPA FLAMMABILITY CLASSIFICATION:**

NFPA Class-IIIB combustible material.

### **FLAMMABLE LIMITS IN AIR**

LEL: N/A  
UEL: N/A

### **EXTINGUISHING MEDIA:**

Carbon dioxide, water fog, foam, or dry powder. Do not use water, because this product is oil based. Water or foam may cause frothing.

### **FIRE & EXPLOSION HAZARDS:**

Can burn in fire, releasing toxic vapors, fumes, and smoke.

### **FIRE FIGHTING INSTRUCTIONS:**

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

### **COMBUSTION PRODUCTS:**

Hazardous decomposition products are oxides of carbon and nitrogen including CO and CO<sub>2</sub>.

## 6. ACCIDENTAL RELEASE MEASURES

### **SAFEGUARDS (PERSONNEL):**

Eliminate all sources of ignition - heat, sparks, flame, electricity, impact and friction.

### **INITIAL CONTAINMENT:**

Absorb spills with inert material. Do not allow material to enter soil or surface water.

### **LARGE SPILLS PROCEDURE:**

Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Do not flush to sewer.

### **SMALL SPILLS PROCEDURE:**

Absorb spills with inert material.

### **MISCELLANEOUS:**

Treat or dispose of in accordance with all federal, state, and local requirements. Incineration is preferred.



**7. HANDLING AND STORAGE**

**HANDLING (PERSONNEL) :**

DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

Empty drums should be completely drained, properly bunged, and promptly returned to a drum reconditioner, or properly disposed of. Wash hands thoroughly after handling.

**HANDLING (PHYSICAL ASPECTS) :**

Secure container after each use. Store in a cool dry area.

Avoid contact with strong oxidizing agents.

**STORAGE PRECAUTIONS:**

Store in a cool dry place, in a tightly closed container. Eliminate all sources of ignition - heat, sparks, flame, electricity, impact and friction.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**OCCUPATIONAL EXPOSURE LIMITS**

Material	Source	Type	mg/m3
Distillates (petroleum), Hydrotreated Light Paraffinic	ACGIH	TWA (Inhalable fraction.)	5 mg/m3
Distillates (petroleum), Hydrotreated Light Paraffinic	NIOSH	STEL (Mist.)	10 mg/m3
Distillates (petroleum), Hydrotreated Light Paraffinic	NIOSH	TWA (Mist.)	5 mg/m3
Naphtha (petroleum), hydrotreated heavy	TWA	OSHA Z-1	500 ppm 2,000 mg/m3
Distillates (petroleum), hydrotreated light	TWA	OSHA Z-1	500 ppm 2,000 mg/m3

**ENGINEERING CONTROLS:**

Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product. TLV for mineral oil is 5 mg/cubic meter.

**EYE / FACE PROTECTION REQUIREMENTS:**

When splashing of the material may occur, chemical goggles and/or a face shield are recommended.

**SKIN PROTECTION REQUIREMENTS:**

Where contact is likely, wear chemical resistant gloves.

**RESPIRATORY PROTECTION REQUIREMENTS:**

Under normal use conditions, with adequate ventilation, no special handling equipment is required. If mists are produced, local ventilation may be required to keep exposure below limits.

**GENERAL COMMENTS:**

Always observe good personal hygiene practices. Wash hands and other exposed skin areas with plenty of mild soap and water before eating, drinking, smoking, etc...



## 9. PHYSICAL AND CHEMICAL PROPERTIES

FORM .....: Liquid  
ODOR .....: Mild Petroleum  
COLOR .....: Red  
VAPOR PRESSURE.....: Less than 0.1 mm Hg at 68°F (20°C)  
VAPOR DENSITY .....: Heavier than air (Air = 1)  
AUTOIGNITION TEMPERATURE .: Not Available  
SPECIFIC GRAVITY .....: 0.8292 Approximately  
DENSITY .....: 6.90/lb Approximately  
MELTING PT. ....: Not Determined  
VISCOSITY .....: 8.0 cSt at 40 °C  
FLASH PT. ....: 214 °F

## 10. STABILITY AND REACTIVITY

**STABILITY:** Material is stable under normal conditions.

**POLYMERIZATION:** Hazardous polymerization will not occur.

**INCOMPATIBILITY WITH OTHER MATERIALS:** Avoid contact with strong oxidizing agents.

**DECOMPOSITION:** In the case of a fire, oxides of carbon, hydrocarbons, fumes, and smoke may be produced.

**CONDITIONS TO AVOID:** Excessive heat. Avoid all sources of ignition.

## 11. TOXICOLOGICAL INFORMATION

### ROUTES OF ENTRY:

Skin, Eyes, Ingestion, and Inhalation.

### ACUTE TOXICITY

#### COMPONENTS:

**64742-48-9 / 64742-47-8:**

Acute oral toxicity:

LD50 (Rat): > 5,000 mg/kg

Assessment: The substance or mixture has no acute oral toxicity

Acute inhalation toxicity:

LC50 (Rat): mg/m<sup>3</sup> > 5610

Assessment: The component/mixture is moderately toxic after short term inhalation.

Acute dermal toxicity:

LD50 (Rabbit, male and female): > 2,000 mg/kg

Assessment: The substance or mixture has no acute dermal toxicity



#### **SKIN CORROSION/IRRITATION**

**Components:**

**64742-48-9 / 64742-47-8:**

Species: Rabbit

Exposure time: 24 h

Result: Irritating to skin.

#### **SERIOUS EYE DAMAGE/EYE IRRITATION**

**Components:**

**64742-48-9 / 64742-47-8:**

Species: Rabbit

Result: Irritation to eyes, reversing within 7 days

#### **RESPIRATORY OR SKIN SENSITISATION**

**Components:**

**64742-48-9 / 64742-47-8:**

Test Type: Buehler Test

Exposure routes: Dermal

Species: Guinea pig

Result: Did not cause sensitisation on laboratory animals.

#### **GERM CELL MUTAGENICITY**

**Components:**

**64742-48-9 / 64742-47-8:**

Germ cell mutagenicity - Assessment:

Tests on bacterial or mammalian cell cultures did not show mutagenic effects.

#### **CARCINOGENICITY**

**Components:**

**64742-48-9 / 64742-47-8:**

Carcinogenicity - Assessment:

Not classifiable as a human carcinogen.

#### **IARC**

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

#### **OSHA**

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

#### **NTP**

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.



#### **REPRODUCTIVE TOXICITY**

**Components:**

**64742-48-9 / 64742-47-8:**

Reproductive toxicity - Assessment

Animal testing did not show any effects on fertility.

Teratogenicity - Assessment:

Embryotoxicity classification not possible from current data.

#### **STOT - SINGLE EXPOSURE**

**Components:**

**64742-48-9 / 64742-47-8:**

Exposure routes: Inhalation

Target Organs: Central nervous system

Assessment: May cause drowsiness or dizziness., The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with narcotic effects.

#### **ASPIRATION TOXICITY**

**Components:**

**64742-48-9 / 64742-47-8:**

May be fatal if swallowed and enters airways.

Experience with human exposure

**Product:**

General Information:

Prolonged skin contact may cause skin irritation.

**ADDITIONAL INFORMATION:**

No other health hazards known.

## **12. ECOLOGICAL INFORMATION**

#### **ECOTOXICITY**

**Components:**

**64742-48-9 / 64742-47-8:**

Toxicity to fish: LL50 (Oncorhynchus mykiss (rainbow trout)): 10 mg/l

Exposure time: 96 h

Test Type: semi-static test

Toxicity to daphnia and other aquatic invertebrates:

EL50 (Daphnia magna (Water flea)): 1.4 mg/l

Exposure time: 48 h

Test Type: static test



Toxicity to algae: EL50 (Pseudokirchneriella subcapitata (green algae)): 1 mg/l  
End point: Growth rate  
Exposure time: 72 h  
Test Type: static test

Acute aquatic toxicity- Assessment:  
Toxic to aquatic life.

Chronic aquatic toxicity- Assessment:  
Toxic to aquatic life with long lasting effects.

**PERSISTENCE AND DEGRADABILITY**

**Components:**

**64742-48-9 / 64742-47-8:**

Biodegradability: aerobic  
Biodegradation: 61 %  
Exposure time: 28 d  
Remarks: Readily biodegradable

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**ENVIRONMENTAL HAZARDS:**

Ecological Toxicity data has not been determined specifically for this product. The ecological toxicity hazard is based on an evaluation of data for the components or a similar material. This material is expected to be harmful to aquatic organisms and may cause long-term adverse effects in the aquatic environment.

**ENVIRONMENTAL FATE**

This material is not expected to be readily biodegradable. The biodegradability of this material is based on an evaluation of data for the components or a similar material. This product contains components which may be persistent in the environment.

**13. DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL:**

Avoid disposal into waste water treatment facilities. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements. This product, if discarded, is not considered a hazardous waste.

**14. TRANSPORTATION INFORMATION**

PRODUCT LABEL .....: Maxximum Performance Super Red Air Tool Oil

D.O.T SHIPPING .....: Not Regulated by DOT.

IMDG: This material is not classified as dangerous under IMDG regulations.

IATA: This material is not classified as dangerous under IATA regulations.

TRANSPORT CANADA: This material is not classified as dangerous under Transport Canada regulations.





15. REGULATORY INFORMATION

The components of this product are reported in the following inventories:

- TSCA: On TSCA Inventory
DSL: All components of this product are on the Canadian DSL
AICS: On the inventory, or in compliance with the inventory
NZIoC: On the inventory, or in compliance with the inventory
ENCS: On the inventory, or in compliance with the inventory
KECI: On the inventory, or in compliance with the inventory
PHIL: On the inventory, or in compliance with the inventory
IECSC: On the inventory, or in compliance with the inventory

Special Notes:

Other substances in the product which may present a health or environmental hazard.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

- SARA 311/312 Hazards: Aspiration hazard
Skin irritation
Eye irritation

SARA 302:

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313:

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

CLEAN AIR ACT:

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCOMI Inter-mediate or Final VOC's (40 CFR 60.489).

PENNSYLVANIA RIGHT TO KNOW:

64742-48-9 / 64742-47-8

Naphtha (pet), hydrotreated heavy AND/OR Distillates (pet), hydrotreated light

16. OTHER INFORMATION

- REASON FOR ISSUE ....: Revised
APPROVAL DATE .....: January 2, 2012
SUPERCEDES DATE .....: April 19, 2023
RTN NUMBER ... ..: 88813304

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