

## Safety Data Sheet

**Date of Issue:** July 19, 2017

**Revision #:** 2

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### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** MaxNap® 40, MaxNap® 40T, MaxNap® 60, Maxnap® 60T  
**Synonyms:** MaxNap Base Oil, MaxNap Lube Oil  
**General Uses:** Process Oils, Base Oils, Carriers, Lubricants  
**Chemical Family:** Hydrotreated Naphthenic Distillates  
**Responsible Party:**

Resolute Oil, LLC  
102 Magellan Circle, Suite B  
Webster, TX 77598  
866-690-0417  
[www.resoluteoil.com](http://www.resoluteoil.com)

#### Emergency Overview

##### 24 Hour Emergency Telephone Numbers:

Spill, Leak, Fire or Accident Call CHEMTREC:

North America: (800) 424-9300

Others: (703) 527-3887 (collect)

California Poison Control System: (800) 356-3129

### 2. HAZARDS IDENTIFICATION

#### GHS Classification

Aspiration Hazard Category – 1  
Inhalation Hazard Category – 4  
Eye Damage/Irritation Category – 2B  
Skin Corrosion/Irritation Category – 2

#### Label Elements

Hazard Symbols:



**Signal Word:** DANGER – Aspiration Hazard if it enters airways  
WARNING – Skin Irritant

**Hazard Statements:** H304 May be fatal if swallowed and enters airways.  
H333 May be harmful if inhaled  
H320 Causes eye irritation  
H316 Causes skin irritation

#### Precautionary Statements:

**Response:** If SWALLOWED: Immediately call a poison center or doctor/physician  
Do NOT induce vomiting  
Avoid breathing vapors. If inhaled, remove person to fresh air  
Wash thoroughly after handling



Storage: Store Locked up  
Disposal: Dispose of contents / container to an approved waste disposal plant.

**Supplemental Label information:**

**Hazard Statement:** Static Accumulating material can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.  
**Prevention:** Keep away from heat/sparks/open flame/hot surfaces. No Smoking. Ground/Bond container and receiving equipment. These alone may be insufficient to remove static electricity.  
**Response:** Eliminate all ignition sources if safe to do so

### 3. Composition/Information on Ingredients

Component	CAS#	Percent
Hydro-treated Distillate, Light Naphthenic	64742-53-6	100%

### 4. FIRST AID MEASURES

**Eye:** Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

**Skin:** Immediately wash with water and soap and rinse thoroughly. If skin irritation persists, contact a physician.

**Inhalation (Breathing):** First aid is not normally required. If breathing difficulties develop, move away from source and seek medical attention.

**Ingestion (Swallowing):** If swallowed, call a poison control center or physician. Do NOT induce vomiting.

### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media:** Dry chemicals, carbon dioxide, foam, or water spray is recommended. Water or foam may cause frothing of materials heated above 212°F. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces.

**Unsuitable Extinguishing Media:** Avoid solid water stream as it may scatter and spread fire.

**Special hazards arising from the substance or mixture:** Elevated temperatures can lead to the formation of irritating fumes and vapors. Decomposing products may include the following materials: Carbon Dioxide and Carbon Monoxide. Product is a static accumulating liquid. Static accumulating liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor may cause flash fire. Static Electricity accumulation may be increased by the presence of small quantities of water or other contaminates. Restrict flow velocity to avoid build-up of static charge.

**Advice for firefighters:** For fires beyond the initial stage, emergency responders in the immediate hazard area should wear protective gear. When the potential chemical hazard is unknown, in enclosed or confined spaces, or when explicitly required by DOT, a self contained breathing apparatus should be worn. In addition, wear other appropriate protective equipment as conditions warrant. Isolate immediate hazard area, keep unauthorized personnel out. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Cool equipment exposed to fire with water, if it can be done with minimal risk.



## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures:** Wear appropriate personal protective equipment to avoid direct contact. The material will burn, but will not ignite readily. Keep all ignition sources away from the spill/release.

**Environmental Precautions:** Stop spill/release if it can be done safely. Product is insoluble in water, so prevent it from entering drains or water ways. Notify appropriate state and local authorities.

**Method for containment and clean up:** Use absorbent materials such as sand, earth or vermiculite on land spills. Use absorbent booms or skimming devices on water spills.

## 7. HANDLING AND STORAGE

**Handling:** Keep away from ignition sources. Be cautious of any drips or spills as product is extremely slippery. Do not enter confined spaces without appropriate equipment and procedures.

**Storage:** Store containers in a clean, dry location, away from strong sunlight and heat or flames. Keep containers sealed when not in use. Empty containers retain residue and should be handled with care and disposed of properly.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Component	ACGIH TLV	OSHA PEL	NIOSH REL
Hydro-treated Distillate, Light Naphthenic	5 mg/m <sup>3</sup> TWA 10 mg/m <sup>3</sup> STEL	5 mg/m <sup>3</sup> TWA	As Oil Mist, if generated 5mg/m <sup>3</sup> TWA 10 mg/m <sup>3</sup> STEL

*STEL- Short Term Exposure Limit (15 minutes): TWA-Time Weighted Average*

### Appropriate Engineering Controls:

Consider the following when employing engineering controls and selecting personal protective equipment: Potential hazards of the material, applicable exposure limits, job activities and other substances in the work place.

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits, additional engineering controls may be required.

### Personal Protective Equipment (PPE):

**Respiratory:** If vapor or mist is generated by heating, spraying, etc., wear an air purifying respirator with mist filter. No special respiratory protection is normally required.

**Skin:** Where gloves and long sleeve clothing to minimize contact.

**Eye/Face:** Where glasses with side shield or goggles in case of splashing

## 9. PHYSICAL AND CHEMICAL PROPERTIES

*\*\*\* Note – Physical and Chemical properties are provided for safety, health and environmental considerations only, and may not fully represent product specifications. Please see our Product bulletins for further information*

### Appearance

**Physical Form:** Liquid  
**Color:** Light amber to water white  
**Odor:** mild Kerosene/Petroleum odor

### Other Properties:

**Vapor Pressure (mm Hg):** <1  
**Vapor Density (air=1):** >1  
**pH** N/A  
**Melting/Freezing Point:** No data



<b>Solubility in Water:</b>	Insoluble
<b>Specific Gravity:</b>	0.79-0.85
<b>Viscosity:</b>	40-60 SUS@100°F
<b>Percent Volatile:</b>	0% by EPA Method 24
<b>Flash Point:</b>	>225°F / 107°C
<b>Test Method:</b>	Cleveland Open Cup (COC), ASTM D92
<b>LEL (vol % in air):</b>	No data
<b>UEL (vol % in air):</b>	No data
<b>Auto-ignition Temperature:</b>	No data
<b>Decomposition Temperature:</b>	No data

**Note:** Unless otherwise stated, values are determined at 20°C (68°F) and 760 mm Hg (1 atm).

## 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	Not chemically reactive
<b>Chemical Stability:</b>	Stable under normal ambient and anticipated conditions of use
<b>Hazardous Reactions:</b>	None, under normal processing
<b>Conditions to Avoid:</b>	High temperatures, flames, sparks
<b>Materials to Avoid (Incompatible Materials):</b>	Strong acids and oxidizing materials
<b>Hazardous Decomposition Products:</b>	Not anticipated under normal conditions, although carbon monoxide and carbon dioxide are a result of incomplete combustion.

## 11. TOXICOLOGICAL INFORMATION

<b>Acute Dermal toxicity:</b>	LD50 Rabbit	>2000 mg/Kg
<b>Acute Inhalation toxicity</b>		
<b>Dust and Mist:</b>	LC50 Rat	1.8 mg/L
<b>Acute Oral toxicity:</b>	LD50 Rat	<5000 mg/Kg
<b>Skin Corrosion / Irritation:</b>	May cause mild skin irritation	
<b>Serious Eye Damage/Irritation:</b>	Causes mild eye irritation	
<b>Respiratory Sensitization:</b>	Not expected to be a respiratory sensitizer	
<b>Skin Sensitization:</b>	Not expected to be a skin sensitizer	
<b>Germ cell mutagenicity:</b>	<b>Genotoxicity in vitro</b> – no data available <b>Genotoxicity in vivo</b> – no data available <b>Assessment Mutagenicity</b> – no data available	
<b>Carcinogenicity:</b>	This product contains mineral oils which are considered to be severely refined and not considered to be carcinogenic under IARC. The products have been demonstrated to contain less than 3% extractables by the IP 346 test.	
<b>Reproductive toxicity:</b>	<b>Reproductive toxicity</b> – no data available <b>Assessment reproductive toxicity</b> – no data available <b>Teratogenicity</b> – no data available <b>Assessment teratogenicity</b> – no data available	
<b>Specific Target Organ Toxicity: (Single Exposure)</b>	Not expected to cause organ effects from single exposure	
<b>Specific Target Organ Toxicity: (Repeated Exposure)</b>	Not expected to cause organ effects from single exposure	
<b>Aspiration Hazard:</b>	Not expected to be a hazard for static vapor at ambient temperatures. Inhalation of mist or spray may be harmful and cause pulmonary edema or aspiration pneumonia. Oil deposits in the lung may lead to fibrosis and reduced pulmonary function.	



## 12. ECOLOGICAL INFORMATION

<b>Aquatic toxicity</b>	96 hr LL50: WAF Aquatic Vertebrates 7 Day EL50: WAF Daphnia magna 21 Day EL50: Daphnia magna	3.2 - 65 mg/L 2.0 – 210 mg/L >0.5 mg/L
<b>Persistence &amp; Degradability</b>	Readily degraded	
<b>Bioaccumulation potential</b>	no data available	
<b>Mobility in soil</b>	no data available	
<b>Other adverse effects</b>	no data available	

## 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with appropriate local, state and federal regulations.  
Empty drums/containers should be sealed and returned to a re-conditioner.

## 14. TRANSPORTATION INFORMATION

### DOT - U.S. Department of Transportation

**Shipping Description:** Not regulated

**Trucking Freight description:** 65 Petroleum Oil, N.O.I.B.N

**Note:** The provisions of 49 CFR, Part 130 apply for shipments over 3,500 bulk gallons, requiring carrier emergency plans for spills and accidents.

## 15. REGULATORY INFORMATION

### U.S. Federal Regulations:

**SARA - Section 311/312 (Title III Hazard Categories)**

**Acute Health:** No

**Chronic Health:** No

**Fire Hazard:** No

**Reactive Hazard:** No

**SARA - Section 313 and 40 CFR 372:** This product does not contain greater than 1.0% of the substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372

**SARA - Section 302 & 304 Extremely Hazardous Substances and TPQs (in pounds):** This product does not contain greater than 1% of any "extremely hazardous substance" listed pursuant to Title III of Superfund Amendments and Reauthorization Act of 1986 (SARA) Section 302 or 304 as identified in 40 CFR Part 355, Appendix A and B.

**CERCLA** – This product does not contain any "hazardous substances" listed under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) in 40 CFR Part 302, Table 302.4

**California Proposition 65** - This product does not contain Chemical(s) known to the state of California to cause cancer and/or birth defects based on maximum impurity levels or components.

**TSCA** - All components are listed on the TSCA inventory.

### International Regulations:

**Canadian Regulations:** This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**Domestic Substances List:** Listed

**WHMIS Hazard Class:** Not Regulated



**International Inventories:**

This material is listed on the following inventories:

- US (TSCA)
- Australia (AICS)
- New Zealand
- Canada (DSL)
- China
- Europe (EINECS)
- Korea (Existing and Evaluated Chemical Substances)

## 16. OTHER INFORMATION

**Hazard Ratings:**

	<b>Health</b>	<b>Fire</b>	<b>Reactivity</b>
<b>HMIS</b>	<b>1</b>	<b>1</b>	<b>0</b>
	<b>Health</b>	<b>Fire</b>	<b>Physical Hazards</b>
<b>NFPA</b>	<b>1</b>	<b>1</b>	<b>0</b>

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