

Issue Date: 21-Nov-2017

Revision Date: 10-Sep-2020

Version 2

## 1. IDENTIFICATION

<b>Product Name</b>	<b>APEX 7050 SEMI SYNTHETIC COOLANT</b>
<b>Other means of identification</b>	
Item#	A-7050-05    A-7050-55    A-7050-275 A-7051-05    A-7051-55    A-7051-275 (with Blue Dye)
<b>Recommended Use</b>	Metalworking lubricant
<b>Supplier Address</b>	Ashburn Chemical Technologies 7403 Wright Rd Houston, TX 77041
<b>Company Phone Number</b>	832-399-1000
<b>Emergency Telephone (24 hr)</b>	INFOTRAC 1-352-323-3500 (International) 1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Classification** Classified according to OSHA HazCom 2012 (29 CFR 1910.1200) and Canada's Hazardous Products Regulations (WHMIS 2015)

Acute toxicity – (Oral)	Category 5
Skin Irritant	Category 3
Eye Corrosion	Category 2B

**Signal Word** **Warning**

**Hazard Statements**

H303 May be harmful if swallowed  
 H316 Causes mild skin irritation  
 H320 Cause eye irritation

### Precautionary Statements - Prevention

P264 Wash face, hands and any exposed skin thoroughly after handling  
 P280 Wear protective gloves/protective clothing/eye protection/face protection

### Precautionary Statements – Response

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P312 Call a POISON CENTER/doctor if you feel unwell.

P305+P351+P338  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 P337+P313 If eye irritation persists: Get medical advice/attention Immediately call a poison center or doctor/physician

P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
 P362+P364 Take off contaminated clothing and wash it before reuse.  
 P332+P313 If skin irritation occurs: Get medical advice/attention

**Other Hazards** None known

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Hydro treated naphthenic distillates (mist)	64742-52-5	≤ 15
Orthoboric acid, compound w/2-Aminoethanol	26038-87-9	≤ 10
Trade Secret	Proprietary	≤ 5
Trade Secret	Proprietary	≤ 5
Trade Secret	Proprietary	≤ 3
Triethanolamine	102-71-6	5-7
Trade Secret	Proprietary	≤ 2
Trade Secret	Proprietary	≤ 3

\*\*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

<b>General Advice</b>	Provide this SDS to medical personnel for treatment.
<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin Contact</b>	Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse. If skin irritation persists, call a physician.
<b>Inhalation</b>	Remove from further exposure. For those providing assistance, avoid exposure to yourself or others. Use adequate respiratory protection. If breathing has stopped, assist ventilation with a mechanical device or use mouth-to-mouth resuscitation.
<b>Ingestion</b>	Do not induce vomiting unless directed to do so by medical personnel. Wash out mouth with water. Seek immediate medical attention/advice.

#### Most important symptoms and effects

<b>Symptoms</b>	May cause eye, skin and respiratory tract irritation. Symptoms may include eye redness, tearing, burning. Skin irritation, redness, drying and cracking of skin. May cause irritation to the mucous membranes and upper respiratory tract.
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#### Indication of any immediate medical attention and special treatment needed

<b>Notes to Physician</b>	Treat symptomatically.
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### 5. FIRE-FIGHTING MEASURES

<b>Suitable / Unsuitable Extinguishing Media</b>	Use water fog, foam, dry chemical or carbon dioxide (CO <sub>2</sub> ) to extinguish flames. DO NOT use straight streams of water (could cause fire to spread).
<b>Specific Hazards Arising from the Chemical</b>	Not determined.
<b>Hazardous Combustion Products</b>	Smoke, Fume, Incomplete combustion products, Oxides of carbon.
<b>Protective equipment / Precautions for firefighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

**6. ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions</b>	Avoid contact with skin or eyes. Do not breathe dust/fume/gas/mist/vapors/spray. See SECTION 8 for Personal Protective Equipment.
<b>Environmental Precautions</b>	Prevent entry into drains, waterways, rivers, lakes, sewers, basements or confined areas. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities. See SECTION 12 for Ecological Information
<b>Methods for Clean-Up</b>	Absorb or cover with dry earth, sand or other non-combustible material. Sweep up absorbed material and shovel into suitable containers for disposal. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations. See SECTION 13 for Waste Disposal

**7. HANDLING AND STORAGE**

<b>Advice on Safe Handling</b>	Handle in accordance with good industrial hygiene and safety practice. Wash face, hands, and any exposed skin thoroughly after handling. Use only with adequate ventilation. Do not breathe dust/fume/gas/mist/vapors/spray. See SECTION 8 for Personal Protection. See SECTION 2 for Precaution Statements
<b>Storage Conditions</b>	Keep container tightly closed and store in a cool, dry and well-ventilated place. Do not store in open or unlabeled containers. Store away from heat and open flame. Storage temperature 5-40°C (41-104°F).
<b>Incompatible Materials</b>	Oxidizing agents.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>Exposure Guidelines</b>	Petroleum distillates, hydrotreated heavy naphthenic (Mist) CAS#64742-52-5 ACGIH TLV: TWA 5 mg/m <sup>3</sup> OSHA PEL: TWA 5 mg/m <sup>3</sup> Trade Secret / Proprietary ACGIH TLV: TWA 7.5 mg/m <sup>3</sup> OSHA PEL: TWA 6 mg/m <sup>3</sup> Triethanolamine / CAS#102-71-6 ACGIH TLV: TWA 5 mg/m <sup>3</sup> OSHA PEL: N/A Monoethanolamine / CAS#141-43-5 ACGIH TLV: TWA 3 ppm OSHA PEL: TWA 6 mg/m <sup>3</sup>
<b>Appropriate engineering controls</b>	Ensure adequate ventilation, especially in confined area Maintain eye wash fountain and quick-drench facilities in work area.
<b>Personal Protective Equipment</b>	
<b>Eye/Face Protection</b>	If contact is likely, safety glasses with side shields are recommended.
<b>Skin and Body Protection</b>	If prolonged or repeated contact is likely, chemical, and oil resistant clothing is recommended.
<b>Respiratory Protection</b>	Ensure adequate ventilation, especially in confined areas.
<b>General Hygiene Considerations</b>	Avoid contact with skin, eyes and clothing. After handling this product, wash hands before eating, drinking, or smoking. If contact occurs, remove contaminated clothing. If needed, take first aid action shown on section 4 of this SDS. Launder contaminated clothing before reuse.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b>Physical State</b>	Liquid	<b>Odor</b>	Mild petroleum
<b>Appearance</b>	Transparent	<b>Odor Threshold</b>	Not determined
<b>Color</b>	light amber (no dye) Blue (dyed)		

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>
pH	9.3 -10.2	
Melting Point/Freezing Point	-7 to 0°C / -19 to 32°F	
Boiling Point/Boiling Range	Not determined	
Flash Point	Not flammable	TCC
Evaporation Rate	< 1.0	
Flammability (Solid, Gas)	Not determined	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Specific Gravity	1.015 – 1.025	
Water Solubility	Emulsifiable	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	50.2 cSt @ 100°F	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	

**10. STABILITY AND REACTIVITY**

<b>Reactivity</b>	Not reactive under normal conditions.
<b>Chemical Stability</b>	Stable under recommended storage conditions.
<b>Possibility of Hazardous Reactions</b>	None under normal processing.
<b>Conditions to Avoid</b>	Incompatible Materials.
<b>Incompatible Materials</b>	Oxidizing agents.
<b>Hazardous Decomposition Products</b>	Thermal decomposition and combustion are not expected to occur except under extreme Conditions.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

<b>Eye Contact</b>	May cause eye irritation
<b>Skin Contact</b>	May cause skin redness or irritation
<b>Inhalation</b>	May be harmful if inhaled
<b>Ingestion</b>	May be harmful if swallowed

**Symptoms related to the physical, chemical and toxicological characteristics**

**Eye Contact** Adverse symptoms may include the following:  
pain  
watering  
redness

**Inhalation** No specific data

**Skin Contact** Adverse symptoms may include the following:  
pain or irritation  
redness  
blistering may occur

**Ingestion** Adverse symptoms may include the following:  
stomach pains

#### **Delayed and Chronic Effects**

**General** Not determined

**Carcinogenicity** Not determined

**Mutagenicity** Not determined

**Teratogenicity** Not determined

**Developmental effects** Not determined

**Fertility effects** Not determined

**Acute toxicity estimates** Not determined

## **12. ECOLOGICAL INFORMATION**

**Ecotoxicity** Information not available

#### **Component Information**

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Petroleum distillates, hydrotreated heavy naphthenic 64742-52-5		5000: 96 h Oncorhynchus mykiss mg/L LC50		1000: 48 h Daphnia magna mg/L EC50

**Persistence/Degradability** Not determined.

**Bioaccumulation** Not determined.

**Mobility** Not determined

**Other Adverse Effects** Not determined

## **13. DISPOSAL CONSIDERATIONS**

**Disposal of Wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

## 14. TRANSPORT INFORMATION

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

## 15. REGULATORY INFORMATION

**International Inventories** All items are listed or exempted

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	INSQ	KECL	AICS
PET distillates, hydrotreated light, naph	X	X		X			X	X	X

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*

*DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*

*EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

*INSQ- Mexico National Inventory of Chemical Substances*

*ENCS - Japan Existing and New Chemical Substances*

*IECSC - China Inventory of Existing Chemical Substances*

*KECL - Korean Existing and Evaluated Chemical Substances*

*PICCS - Philippines Inventory of Chemicals and Chemical Substances*

*AICS - Australian Inventory of Chemical Substances*

### US Federal Regulations

#### **EPCRA – Emergency Planning and Community Right-to-Know Act**

**CERCLA** This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

#### **SARA Title III (EPCRA)**

##### ***Emergency Planning and Community Right-to-Know Act***

**SARA 311/312 Classifications** This material, as supplied, does not contain any substances subject to the requirements of SARA Sections 311/312 (40 CFR 370)

**SARA 313 TRI Reporting** This product does not contain any substances which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**California Proposition 65** This product does not contain any chemicals known to the state of California to cause cancer or reproductive harm.

**16. OTHER INFORMATION****NFPA****Health Hazards****Flammability****Instability****Special Hazards**

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None

**HMIS****Health Hazards****Flammability****Physical Hazards****Personal Protection**

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determined by end user

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10-Sep-2020

**Note:**

Revised for formula change - DL

**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**