

Safety Data Sheet

Issue Date: 15-Sept-2015

Revision Date:

Version 1

1. IDENTIFICATION

Product Identifier

Product Name APEX 9800 (WATER SOLUBLE COOLANT)

Other means of identification

SDS #

Item # A-9800-05
 A-9800-14
 A-9800-55

Recommended use of the chemical and restrictions on use

Recommended Use Metalworking 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 Transparent
 Dark amber / Brown

Physical State Liquid

Classification

Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2

Signal Word

WARNING

Hazard Statements

H332 Harmful if inhaled
 H315 Cause skin irritation
 H319 Cause serious eye irritation



Precautionary Statements - Prevention

Do not breathe dust/fume/gas/mist/vapors/spray.
Use only outdoors or in a well-ventilated area
Do not eat, drink or smoke when using this product
Wash hand thoroughly after handling
Wear protective gloves/protective clothing/eye protection

Precautionary Statements - Response

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Immediately call a poison center or doctor/physician
IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention
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 advice/attention

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Unknown Acute Toxicity

None-known

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	60-80
2-Amino-2-methyl-1 propanol	124-68-5	1-3
5-carboxy-4-hexylcyclohex-2-ene-1-octanoic acid	53980-88-4	1-3
Hexahydro-1,3,5-tris(2-hydroxyethyl)-S-triazine	4719-04-4	1-2

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 thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Get medical attention immediately.
Skin Contact	Wash contact areas with soap and water. If skin irritation or rash occurs: Seek medical attention.
Inhalation	Remove source of exposure or move person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell or are concerned.
Ingestion	Do not induce vomiting. Seek immediate medical assistance

Most important symptoms, effects, and special treatment need

Symptoms	May cause serious eye irritation, redness, pain, blurred vision May cause skin and respiratory irritation, See SECTION 11 for delayed and chronic effects
Notes to Physician	Chemical burns must be treated promptly by a physician. Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Use water fog, foam, dry chemical or carbon dioxide (CO ₂) to extinguish flames. Do not use stream of water
Specific Hazards Arising from the Chemical	Not determined.
Hazardous Combustion Products	Carbon oxides and other oxides may be generated as products of combustion.
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	Avoid breathing vapor or mist. Avoid contact with skin, eye or clothing See SECTION 8 for Personal Protective Equipment.
Environmental Precautions	Prevent entry into waterways, rivers, lakes, sewers, basements or confined areas. Prevent further leakage or spillage if safe to do so. See SECTION 12 for Ecological Information
Methods for Containment	Prevent further leakage or spillage if safe to do so. Absorb or cover with dry earth, sand or other non-combustible material.
Methods for Clean-Up	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

Advice on Safe Handling	Do not handle until all safety precautions have been read and understood. See SECTION 8 for Personal Protection. Handle in accordance with good industrial hygiene and safety practice. Avoid breathing fumes, vapors, mists, spray. Wash face, hands, and any exposed skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. See SECTION 2 for Precaution Statements.
Storage Conditions	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 > 40° F.
Incompatible Materials	Oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines	Petroleum oil has an ACGIH TLV-TWA of 5 mg/m ³ 8 hours (mist). NIOSH STEL 10 mg/m ³ 15 minutes.
Engineering Controls	Adequate ventilation. Maintain eye wash fountain and quick-drench facilities in work area.
Eye/Face Protection	Safety glasses with side shields
Skin and Body Protection	Chemical / oil resistant clothing and gloves.

Respiratory Protection	Ensure adequate ventilation, especially in confined areas.
General Hygiene Considerations	Avoid contact with skin, eyes and clothing. After handling this product, wash hands before eating, drinking, or smoking. If contact occurs, remove contaminated clothing. See SECTION 4 for FIRST AID if needed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid	Odor	Mild
Appearance	Transparent	Odor Threshold	Not determined
Color	Amber / light brown		
Property	Values	Remarks • Method	
pH	9.4-9.6		
Melting Point/Freezing Point	Not determined		
Boiling Point/Boiling Range	Not determined		
Flash Point	> 148.88 °C / > 300 °F	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	0.91-0.93		
Water Solubility	Emulsifiable		
Solubility in other solvents	Not determined		
Partition Coefficient	Not determined		
Auto-ignition Temperature	Not determined		
Decomposition Temperature	Not determined		
Kinematic Viscosity	Not determined		
Dynamic Viscosity	Not determined		
Explosive Properties	Not determined		

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Eye Contact	May cause serious eye irritation on eye contact.
Skin Contact	Prolonged contact may cause redness and irritation.
Inhalation	Harmful if inhaled.

Ingestion	May be harmful if swallowed.
Symptom	See SECTION 4 for symptoms
Acute/Chronic Effect	No data available
STOT- Single/repeated exposure	No data available
Carcinogenicity	Carcinogenic potential is unknown
Mutagenicity	Not determined

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Petroleum distillates, hydrotreated heavy naphthenic 64742-52-5	> 5000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	> 5 mg/L (Rat) 4 h
Hexahydro-1,3,5-tris(2-hydroxyethyl)-S-triazine 4719-04-4	= 763 mg/kg (Rat)	> 2 g/kg (Rat)	-

12. ECOLOGICAL INFORMATION

Ecotoxicity	Toxic to aquatic life with long lasting effects.
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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
Hexahydro-1,3,5-tris(2-hydroxyethyl)-S-triazine 4719-04-4			EC50 = 28.9 mg/L 15 min	
2-Amino-2-Methyl-1-Propanol 124-68-5			342.9 3 h activated sludge, mg/l, LC50	193: 48 h, Daphnia magna (Water flea), mg/L EC50

Persistence/Degradability	Not determined.
Bioaccumulation	Not determined.
Mobility	Not determined
Other Adverse Effects	Not determined

13. DISPOSAL CONSIDERATIONS**Waste Treatment Methods**

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

<u>Note</u>	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
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<u>DOT</u>	Not regulated
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IATA Not regulated

IMDG Not regulated

15. REGULATORY INFORMATION

International Inventories None known

US Federal Regulations

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) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 313 Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals 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 Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
2-Amino-2-Methyl-1-Propanol 124-68-5			listed

16. OTHER INFORMATION

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

Issue Date: 15-Sept-2015

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Revision Note: New format

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