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Version 1

1. IDENTIFICATION

Product Name	APEX 7030 NF SEMI SYNTHETIC COOLANT
Other means of identification	A-7540-05 A-7540-14 A-7540-55 A-7540-275
Recommended Use	Metalworking lubricant
Supplier Address	Ashburn Chemical Technologies 7403 Wright Rd Houston, TX 77041 832-399-1000
Emergency Telephone (24 hr)	INFOTRAC 1-352-323-3500 (International) 1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Classification	This material considered hazardous by the US OSHA Hazard Communication Standard 29 CFR 1910.1200 and Health Canada's Hazardous Products Regulations (HPR).
	Skin Irritant Category 3 Eye Irritation Category 2B
Signal Word	WARNING
Hazard Statements	H316 Causes mild skin irritation H320 Causes eye irritation
Precautionary Statements - Prevention	P264 Wash face, hands and any exposed skin thoroughly after handling
Precautionary Statements - Response	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. 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	12 - 15
Orthoboric acid, compound w/2-Aminoethanol	26038-87-9	≤ 10
Trade Secret	Proprietary	≤ 6
Trade Secret	Proprietary	≤ 6
Trade Secret	Proprietary	≤ 2
Triethanolamine	102-71-6	5-7
Dicyclohexylamine	101-83-7	≤ 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

General Advice	Provide this SDS to medical personnel for treatment.
Eye Contact	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.
Skin Contact	Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse. If skin irritation occurs: Get medical advice/ attention.
Inhalation	Consult a physician after significant exposure. If unconscious place in recovery position and seek medical advice.
Ingestion	Do not induce vomiting without medical advice. Seek immediate medical attention/advice.

Most important symptoms and effects

Symptoms	Eye contact may cause eye irritation, redness, tearing, blurred vision Prolonged skin contact may cause redness and irritation
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable / Unsuitable Extinguishing Media	Use water fog, foam, dry chemical, alcohol resistant foam or carbon dioxide (CO2) DO NOT use straight streams of water (could cause fire to spread).
Specific Hazards Arising from the Chemical	Not determined.
Hazardous Combustion Products	Smoke, Fume, Incomplete combustion products, Oxides of carbon.
Protective equipment / 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 contact with skin or eyes. Ensure adequate ventilation. See SECTION 8 for Personal Protective Equipment.
Environmental Precautions	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
Methods for Clean-Up	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

Advice on Safe Handling	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. Wash contaminated clothing before reuse. Use personal protection recommended in Section 8.
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 5-40°C (41-104°F).
Incompatible Materials	Oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Hydro treated naphthenic distillates (mist) 64742-52-5	TWA: 5 mg/m3 STEL: 10 mg/m3	TWA: 5 mg/m3	10 mg/m3 15 min

Legend

ACGIH: American Conference of Governmental Industrial Hygienists

OSHA: Occupational Safety and Health Administration

NIOSH: National Institute for Occupational Safety and Health

OSHA Table Z-1: Limits Air Contaminants

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

TWA: Time weight average

Appropriate engineering controls

Engineering Controls	Maintain eye wash fountain and quick-drench facilities in work area.
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Personal Protective Equipment

Eye/Face Protection	If contact is likely, safety glasses with side shields are recommended.
Skin and Body Protection	If prolonged or repeated contact is likely, chemical, and oil resistant clothing is recommended.
Respiratory Protection	No personal respiratory protective equipment normally required. In the case of vapor formation use a respirator with an approved filter.
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. 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

Appearance	Transparent - Blue	Odor	Not determined
Physical state	Liquid	Odor Threshold	Not determined

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	9.5 - 10.0	
Melting Point/Freezing Point	-7 to 0 °C / 19 - 32 °F	
Boiling Point/Boiling Range	Not determined	
Flash Point	Not determined	
Evaporation Rate	< 1	
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	1.01 - 1.03	
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	
Oxidizing 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

Information on likely routes of exposure

Product Information

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

Information on toxicological effects

Acute Toxicity	Oral – Category 5
Skin sensitization	Not classified as a respiratory sensitizer.
Aspiration Hazard	Not classified.
Carcinogenicity	This product is not considered to be carcinogen by IARC, ACGIH, NTP, or OSHA.
Reproductive Toxicity	Not determined
Germ cell mutagenicity	Not determined
Specific Target Organ Toxicity/ Single Exposure	Not determined
Specific Target Organ Toxicity/ Repeated exposure	Not determined
Chronic Effects	None-known

12. ECOLOGICAL INFORMATION

Ecotoxicity	Information not available
Persistence/Degradability	No data available
Bioaccumulation	No data available
Mobility	No data available
Other Adverse Effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected.

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

US DOT	Not regulated
IATA	Not regulated
IMDG	Not regulated

15. REGULATORY INFORMATION

<u>International Inventories</u>	All component(s) are listed or exempted
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Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS
Hydro treated naphthenic distillates (mist)	X			X		X	X	X	X

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

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified 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 Reportable Quality This material does not contain any component with a CERCLA RQ

SARA 311/312 Hazardous Chemical Acute Health Hazard

SARA 313 This material, as supplied, does not contain any substances subject to the requirements of SARA Sections 311/312 (40 CFR 370)

U.S. State Right-to-Know Regulations

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

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	1	0	0	None
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	1	0	0	Determined by end user

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Revision Note

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