

Issue Date: 02-Dec-2014

Revision Date: 31-Oct-2019

Version 6

1. IDENTIFICATION

Product Name ASHBURN 7090 SEMI-SYNTHETIC COOLANT**Other means of identification**Item# A-7090-05 A-7090-55 A-7090-275 (blue)
A-7091-05 A-7091-55 A-7091-275**Recommended Use** Metalworking lubricant**Supplier Address** Ashburn Chemical Technologies
7403 Wright Rd
Houston, TX 77041**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

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 Causes eye irritation**Precautionary Statements - Prevention**

P264 Wash face, hands and any exposed skin thoroughly after handling

Precautionary Statements – Response

P301+P312 IF SWALLOWED: Call a POISON CENTER or 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

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 thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. 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 persists, 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 unless directed to do so by medical personnel. Wash out mouth with water. 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 or carbon dioxide (CO2) to extinguish flames. 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. 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
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	Petroleum distillates, hydrotreated heavy naphthenic (Mist) CAS#64742-52-5 ACGIH TLV: TWA 5 mg/m ³ OSHA PEL: TWA 5 mg/m ³ Trade Secret / Proprietary ACGIH TLV: TWA 7.5 mg/m ³ OSHA PEL: TWA 6 mg/m ³ Triethanolamine / CAS#102-71-6 ACGIH TLV: TWA 5 mg/m ³ OSHA PEL: N/A Monoethanolamine / CAS#141-43-5 ACGIH TLV: TWA 3 ppm OSHA PEL: TWA 6 mg/m ³
Appropriate engineering controls	Ensure adequate ventilation, especially in confined area Maintain eye wash fountain and quick-drench facilities in work area.
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

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

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	9.8 - 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	72.57 cSt @ 100°F	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	
VOC Content	31.9 g/L	

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**

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

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 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

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

<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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Note: Added calculated VOC content - 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