

Issue Date: 02-Dec-2014

Revision Date: 20-Mar-2018

Version 4

## 1. IDENTIFICATION

**Product Name** ASHBURN 7090 SEMI-SYNTHETIC COOLANT

**Other means of identification**  
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** 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 2  
Eye Irritation Category 2A

**Signal Word** **WARNING**

**Hazard Statements**  
H315 Causes skin irritation  
H319 Causes serious 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**  
P305+P351 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.  
P338 Continue rinsing  
P337+P313 If eye irritation persists: Get medical advice/attention.  
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**  
Harmful to aquatic life with long lasting effects.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Hydro treated naphthenic distillates (mist)	64742-52-5	10-15
Boric Acid, 2-aminoethanol salt	26038-87-9	1-10
C6-12 Dicarboxylic acids ethanolamine salts	68937-73-5	1-5

\*\*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 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.
<b>Skin Contact</b>	Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse. If skin irritation occurs: Get medical advice/ attention.
<b>Inhalation</b>	Remove from further exposure. For those providing assistance, avoid exposure to yourself or others. Use adequate respiratory protection. Seek immediate medical assistance. If breathing has stopped, assist ventilation with a mechanical device or use mouth-to-mouth resuscitation.
<b>Ingestion</b>	Do not induce vomiting without medical advice. Seek immediate medical attention/advice.

#### Most important symptoms and effects

<b>Symptoms</b>	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

<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, alcohol resistant foam or carbon dioxide (CO2) 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.
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**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.

### 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** 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. 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>Appearance</b>	Transparent	<b>Odor</b>	Not determined
<b>Physical state</b>	Liquid	<b>Odor Threshold</b>	Not determined
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>	
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

<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

#### *Product Information*

<b>Eye Contact</b>	Causes serious eye irritation.
<b>Skin Contact</b>	Prolonged contact may cause redness and irritation
<b>Inhalation</b>	May be harmful if inhaled
<b>Ingestion</b>	May cause gastrointestinal irritation or diarrhea.

### Information on toxicological effects

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

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	Harmful to aquatic life with long lasting effect. Avoid release to the environment.
<b>Persistence/Degradability</b>	No data available
<b>Bioaccumulation</b>	No data available
<b>Mobility</b>	No data available
<b>Other Adverse Effects</b>	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected.

## 13. DISPOSAL CONSIDERATIONS

<b>Disposal of Wastes</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Contaminated Packaging</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.

## 14. TRANSPORT INFORMATION

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

## 15. REGULATORY INFORMATION

<b><u>International Inventories</u></b>	All component(s) are listed or exempted
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*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*  
*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*

**WHMIS Classifications** D-1B: Material Causing immediate and serious Toxic Effects (very toxic)  
 D-2B: Toxic Material Causing Other Toxic Effects (Toxic)

**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 Proposition 65 chemicals.

**16. OTHER INFORMATION**

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

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**Revision Note** Updated All Sections

**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**