

Issue Date: 20-Jan-2016

Revision Date:

Version 1

## 1. IDENTIFICATION

**Product Identifier**

**Product Name** ASHBURN COOLANT CONDITIONER OS

**Other means of identification**

**SDS #**

ITEM# B-4162-05  
B-4162-14

**Recommended use of the chemical and restrictions on use**

**Recommended Use** Sump conditioner for metalworking fluid

**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** Clear, dark blue

**Physical State** Liquid

**Odor** Mild

**Classification**

Skin corrosion/irritation	Category 3
Eye damage/eye irritation	Category 2B

**Signal Word**

**WARNING**

**Hazard Statements**

H316 Cause mild skin irritation  
H320 Causes eye irritation

**Symbol**



**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling

**Precautionary Statements - Response**

IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse

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

**Other Hazards**

Harmful to aquatic life with long lasting effects

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Citric Acid, Copper (2+) salt	7732-18-5	40-60
Triethanolamine	102-71-6	20-40

\*\*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>	Flush immediately with plenty of water for 15 minutes. If irritation persists, see physician.
<b>Skin Contact</b>	Wash contact areas with soap and water. Remove contaminated clothing and lauder before reuse. If skin irritation persists, call a physician.
<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention for further treatment
<b>Ingestion</b>	Rinse mouth. Do not induce vomiting without medical advice. If symptoms persist, call a physician.

**Most important symptoms and effects**

<b>Symptoms</b>	May cause skin and eye irritation. See SECTION 11 for delayed and chronic effects.
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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

**Suitable Extinguishing Media** Use water fog, foam, dry chemical or carbon dioxide (CO<sub>2</sub>) to Extinguish flames.

**Unsuitable Extinguishing Media** None-known

**Specific Hazards Arising from the Chemical** Not determined.

**Hazardous Combustion Products** Oxides of carbon and nitrogen compounds.

**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, protective equipment and emergency procedures**

<b>Personal Precautions</b>	Avoid contact with skin or eyes. See SECTION 8 for Personal Protective Equipment.
<b>Environmental Precautions</b>	Prevent entry into waterways, rivers, lakes, drains, surface water, or ground water. Prevent further leakage or spillage if safe to do so. 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. 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 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 > 40 °F
<b>Incompatible Materials</b>	None-known

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Engineering Controls** Maintain eye wash fountain and quick-drench facilities in work area.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** If contact is likely, safety glasses with side shields are recommended.

**Skin and Body Protection** Wear suitable protective clothing.

**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.  
Remove contaminated clothing and launder before reuse  
See SECTION 4 for First-Aid Measure.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

Physical State	Liquid	Odor	Mild
Appearance	Clear	Odor Threshold	Not determined
Color	Dark blue		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	9.5-9.8	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	100 °C / 212 °F	
Flash Point	Not flammable	
Evaporation Rate	< 1.0	(butyl acetate = 1)
Flammability (Solid, Gas)	Not determined	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	> 1.0	@ 68°F (20 ° C)
Vapor Density	> 1.0	(Air=1)
Specific Gravity	1.2	(1=Water)
Water Solubility	Completely soluble	
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	
VOC Content (%)	Not determined	

**10. STABILITY AND REACTIVITY**

Reactivity	Stable under recommended storage conditions.
Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	None under normal processing.
Conditions to Avoid	Keep away from heat (>200 °F), hot surface, sparks
Incompatible Materials	Strong bases, strong alkali agents, oxidizing agents
Hazardous Decomposition Products	Thermal decomposition and combustion are not expected to occur except under extreme conditions. See SECTION 5 in the event of fire

**11. TOXICOLOGICAL INFORMATION****Product Information**

Eye Contact	May causes eye irritation.
Skin Contact	Prolonged contact may irritation.
Inhalation	May cause irritation
Ingestion	May be harmful if swallowed. May cause gastrointestinal irritation or diarrhea.

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

<b>Acute Effects</b>	May cause eye and/or skin irritation. Symptoms may include eye redness, tearing, blurred vision; skin redness
<b>Chronic Effects</b>	Not determined
<b>Numerical measures of toxicity</b>	Not determined

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	Not determined
<b>Persistence/Degradability</b>	Not determined.
<b>Bioaccumulation</b>	Not determined.
<b>Mobility</b>	Not determined
<b>Other Adverse Effects</b>	Not determined

## 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><u>DOT</u></b>	Not regulated
<b><u>IATA</u></b>	Not regulated
<b><u>IMDG</u></b>	Not regulated
<b>Marine Pollutant</b>	This material may meet the definition of a marine pollutant

## 15. REGULATORY INFORMATION

<b><u>International Inventories</u></b>	Not determined
<b><u>US Federal Regulations</u></b>	
<b>CERCLA</b>	This material does not contains a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 255)
<b>SARA 311/312 Hazardous Chemical</b>	This material, as supplied, does not contain any substances subject to the requirements of SARA Sections 311/312 (40 CFR 370)

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contain a chemical which is subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

COPPER TRIETHANOLAMINE 31089-39-1 15-20% by weight as a cooper compound

**US State Regulations**

California Proposition 65\_ Not determined.

**16. OTHER INFORMATION**

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

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**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**