

Issue Date: 20-Jan-2016

Review Date: 03-Mar-2021

Version 1

1. IDENTIFICATION

Product Identifier

Product Name ASHBURN COOLANT CONDITIONER

Other means of identification

SDS #

ITEM# B-4160-05

B-4160-14

B-4160-16

Recommended use of the chemical and restrictions on use

Recommended Use Sumpside additive 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, pale yellow

Physical State Liquid

Odor Mild

Classification

Acute Toxicity (Oral-Inhalation)	Category 4
Serious eye damage/eye irritation	Category 2B

Signal Word

WARNING

Hazard Statements

Harmful if swallowed

Harmful if inhaled.

Causes eye irritation

Symbol



Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product.

Avoid breathing dust/fume/gas/mist/spray

Precautionary Statements - Response

IF SWALLOWED: Rinse mouth. Call a POISON CENTER or doctor if you feel unwell.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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 content/container in accordance with local/regional/international regulations

Other Hazards

Harmful to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Poly[oxyethylene(dimethyliminio)ethylene(dimethyliminio)ethylene dichloride]	31512-74-0	40-60

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

Most important symptoms and effects

Symptoms	May cause eye redness, tearing, irritation May cause irritation to the respiratory and digestive tract. See SECTION 11 for delayed and chronic effects.
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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

<u>Suitable Extinguishing Media</u>	Use water fog, foam, dry chemical or carbon dioxide (CO2) to Extinguish flames.
<u>Unsuitable Extinguishing Media</u>	None-known

Specific Hazards Arising from the Chemical Not determined.

Hazardous Combustion Products Oxides of carbon, nitrogen compounds, oxides of organogenated 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

Personal Precautions	Avoid contact with skin or eyes. See SECTION 8 for Personal Protective Equipment.
Environmental Precautions	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.
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. Do not eat, drink, or smoke while this material is handled, stored, or processed. Contaminated work clothing should not be allowed out of the workplace. 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 > 40 °F
Incompatible Materials	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	Light yellow		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	6.0 to 8.0	
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	1.13 - 1.16	(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

Product/ingredient name	Result	Species	Dose	Exposure
Poly[oxyethylene (dimethyliminio)ethylene (dimethyliminio)ethylene dichloride]	LD50 Oral	Rat	1850 mg/kg	-
	LC50 Inhalation Dusts & mists	Rat	2.9 mg/l	4 hours
	LD50 Dermal	Rabbit	>2000 mg/kg	-
	LD50 Oral	Rat - Male	1951 mg/kg	-

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

Acute Effects	Symptoms may include eye redness, tearing, watering
Chronic Effects	Not determined

Numerical measures of toxicity Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity	This material may have a component(s) that are harmful to the aquatic life
Persistence/Degradability	Not determined.
Bioaccumulation	Not determined.
Mobility	Not determined
Other Adverse Effects	Not determined

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

<u>Note</u>	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
DOT	Not regulated
IATA	Not regulated
IMDG	Not regulated
Marine Pollutant	This material may meet the definition of a marine pollutant

15. REGULATORY INFORMATION

<u>International Inventories</u>	Not determined
<u>US Federal Regulations</u>	

United States inventory (TSCA 8b) This product is subject to regulation under the US Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) and is therefore exempt from US Toxic Substances Control Act (TSCA) Inventory listing requirements.

CERCLA This material 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)
1,4-dioxane: 100 lbs. (45.4 kg); bis(2-chloroethyl) ether

SARA 311/312 Hazardous Chemical Poly[oxyethylene(dimethyliminio) ethylene(dimethyliminio)ethylene dichloride]
Acute Health Hazard.

California Proposition 65 This product contains less than 0.1% of a chemical(s) known to the State of California to cause cancer.
1,4-dioxane Cancer: Yes Reproductive: No
bis (2-chloroethyl) ether Cancer: Yes Reproductive: No

16. OTHER INFORMATION

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

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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