

Issue Date: 15-Oct-2015

Revision Date:

Version 1

## 1. IDENTIFICATION

**Product Identifier**

**Product Name** ASHBURN DEFOAM PLUS

**Other means of identification**

**SDS #**  
ITEM# B-4710

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

**Recommended Use** Anti-foaming Agent

**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** White, hazy                      **Physical State** Liquid                      **Odor** Mild

**Classification**

Specific Target Organ Toxicity (Single Exposure)	Category 3
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**Hazard Not Otherwise Classified (HNOC)**

Suspected of damaging fertility or the unborn child

**Signal Word**

**WARNING**

**Hazard Statements**

May cause respiratory irritation

**Symbol**



**Precautionary Statements - Prevention**

IF exposed or concerned: Get medical advice/attention

**Precautionary Statements -Response**

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

**Precautionary Statements - Response**

Store locked up. Store in a well-ventilated place. Keep container tightly closed

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Ethylene oxide-Propylene oxide copolymer monobutyl ether	9038-95-3	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>	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. 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. If symptoms persist, call a physician
<b>Ingestion</b>	Rinse mouth. If symptoms persist, call a physician.

**Most important symptoms and effects**

<b>Symptoms</b>	No information available
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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 (CO2) to extinguish flames.

**Unsuitable Extinguishing Media** Noneknown.

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

**Hazardous Combustion Products** Carbon oxides. Formaldehyde. Silicon dioxide.

**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.
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**Environmental Precautions**      Avoid release to the environment  
 See SECTION 12 for Ecological Information.

**Methods and material for containment and cleaning up**

**Methods for Containment**      Prevent product from entering drains. Prevent further leakage or spillage if safe to do so  
 If the product contaminates rivers and lakes or drains inform respective authorities.  
 Absorb or cover with dry earth, sand or other non-combustible material.

**Methods for Clean-Up**      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.  
 .  
 See SECTION 8 for Personal Protection.  
 Handle in accordance with good 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**      Strong acids.

**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.

**Appropriate engineering controls**

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

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

**Eye/Face Protection**      Safety glasses with side-shields.

**Skin and Body Protection**      Wear gloves and protective clothing depending on condition of use.

**Respiratory Protection**      Ensure adequate ventilation, especially in confined areas.  
 In case of inadequate ventilation wear respiratory protection.

**General Hygiene Considerations**      Avoid contact with skin, eyes and clothing.  
 After handling this product, wash hands before eating, drinking, or smoking  
 See SECTION 4 for First-Aid Measure

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b>Physical State</b>	Liquid	<b>Odor</b>	Mild
<b>Appearance</b>	Viscous, hazy	<b>Odor Threshold</b>	Not determined
<b>Color</b>	White		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not determined	
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	Not determined	@ 68°F (20 ° C)
Vapor Density	Not determined	(Air=1)
Specific Gravity	1.00-1.02	(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

<b>Reactivity</b>	Stable 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>	None-known.
<b>Incompatible Materials</b>	None-know
<b>Hazardous Decomposition Products</b>	Thermal decomposition can lead to release of irritating and toxic gases and vapors. Carbon oxides. Formaldehyde. Silicon dioxide.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

<b>Eye Contact</b>	May cause eye irritation.
<b>Skin Contact</b>	Prolonged contact may cause redness and irritation.
<b>Inhalation</b>	May cause irritation
<b>Ingestion</b>	May be irritated to respiratory system.
<b>Acute/Chronic Effects</b>	No data available

### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50

Ethylene oxide-Propylene oxide copolymer monobutyl ether	= 12300 µL/kg ( Rat )	= 14100 µL/kg ( Rabbit ) > 20 mL/kg ( Rabbit )	> 1 - < 5 mg/L (Rat, 4h)
Organosiloxane polymer	> 17 g/kg ( Rat )	> 2 g/kg ( Rabbit )	-

**Information on physical, chemical and toxicological effects**

<b>Carcinogenicity</b>	No information available.
<b>Sensitization</b>	No information available
<b>Reproductive Effects</b>	No information available
<b>Aspiration Hazard</b>	No information available.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity** Harmful to aquatic life with long lasting effects.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Polyether-modified polysiloxane				EC50: 220-520 mg/L
Ethylene oxide-Propylene oxide copolymer monobutyl ether		LC50(96h): > 100 mg/L (Golden orfe)		

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

**15. REGULATORY INFORMATION**

**International Inventories** This product complies to the following inventories:  
TSCA, AICS, DSL, IECSC, EINECS/ELINCS/NLP, METI, KECL, PICCS

*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**

**CERCLA** This material does not contain 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)

**SARA 311/312 Hazardous Chemical** Acute Health Hazard, Chronic Health Hazard

**SARA 313** Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 37

**US State 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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**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**