

Issue Date: 05-May-2015

Revision Date: 12-Oct-2020

Version 3

## 1. IDENTIFICATION

### Product Identifier

**Product Name** FOAMING GERMICIDAL CLEANER AQD

### Other means of identification

**SDS #**

ITEM# M-02170

**UN/ID No**

UN 1950

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

**Recommended Use** Disinfectant foaming cleaner

### 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

### Classification

Flammable Aerosol (liquefied gas)	Category 2
Eye Irritant	Category 2B

**Hazard Not Otherwise Classified (HNOC)** N/A

**Signal Word**

**WARNING**



### Hazard Statements

Flammable aerosol

Contains gas under pressure: May explode if heated

Causes eye irritation

### Precautionary Statements - Prevention

Wash hands thoroughly after handling.

Keep away from heat, sparks, open flames, and hot surfaces. - No smoking  
Do not spray on an open flame or other ignition source.  
Pressurized container: Do not pierce or burn, even after use.

**Precautionary Statements – Response**

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 attention

**Precautionary Statements – Storage**

Protect from sunlight.

Do not expose/store to temperatures exceeding 50C/122°F. Store in a well-ventilated place

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No	Weight-%
2-Butoxyethanol	111-76-2	5-10
Propane/n-Butane	68476-86-8	3-7
Isopropyl Alcohol	67-63-0	5-25
Ethylenediaminetetraacetic Acid (EDTA)	60-00-4	0.5-1.5
Potassium Hydroxide	1310-58-3	0.5-1.5

\*\*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 or attention.
<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 comfortable for breathing. Call a poison center or doctor if you feel unwell
<b>Ingestion</b>	Do not induce vomiting without medical advice. Seek immediate medical attention/advice.

**Most important symptoms and effects**

<b>Acute Health Hazard</b>	Eyes: redness, tearing, blurred vision
<b>Chronic Health Hazard</b>	None-known.

**Indication of any immediate medical attention and special treatment needed**

<b>Notes to Physician</b>	There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.
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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** Do not use straight streams.

**Specific Hazards Arising from the Chemical**

Not determined.

**Hazardous Combustion Products** N/A**Protective equipment and precautions for firefighters**

Evacuate area. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus(SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedure**

**Personal Precautions** Wear protective clothing as described in Section 8 of this safety data sheet.

**Environmental Precautions** See Section 12 for additional Ecological Information.

**Spill**

**Methods for Clean-Up** Use absorbent on spill sweep to clean. Dispose in accordance with local, state and federal laws. Small releases may be wiped up with wiping material.

**Waste Disposal** Dispose of in accordance with local, State and Federal regulations. Do not reuse, puncture, or incinerate container. Wrap container and place in trash collection.

**RCRA Status**

Not listed as hazardous waste under RCRA, however product should be fully characterized prior to disposal (40 CFR 261)

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use.

**Incompatible Materials** Strong alkalis, strong alkalis, strong oxidizing agents.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
2-Butoxyethanol	20 ppm	50 ppm	
Isopropyl Alcohol	400 ppm	500 ppm	-
Ethylenediaminetetraacetic Acid (EDTA)	-	15 mg/m3	-
Potassium Hydroxide	2 mg/m3	2 mg/m3	-
Propane /n- Butane	1000 ppm	1000 ppm	-

**Appropriate engineering controls**

**Engineering Controls** General ventilation and local exhaust recommended.

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

<b>Personal Protective Equipment</b>	Safety glasses and chemical resistant gloves.
<b>Respiratory Protection</b>	Not required under normal use. If exposure levels are exceeded then organic vapor cartridge respirator or SCBA will be needed.
<b>General Hygiene Considerations</b>	After handling this product, wash hands before eating, drinking, or smoking.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical State</b>	Aerosol	<b>Odor</b>	Moderate ammonia, Citrus scent
<b>Appearance</b>	Foam	<b>Odor Threshold</b>	Not determined
<b>Color</b>	White		
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>	
<b>Boiling Point</b>	> 212°F (100°C)		
<b>Freezing Point</b>	< 32°F (0°C)		
<b>Flammability</b>	Flammable aerosol		
<b>Flash Point</b>	Not determined		
<b>Auto-ignition Temperature</b>	Not determined		
<b>Upper / Lower Flammability Limit</b>	Not determined		
<b>Vapor Pressure (mm Hg)</b>	17.5	@ 77°F / 25°C	
<b>Vapor Density</b>	<1	(Air = 1)	
<b>Evaporation Rate</b>	< 1	(butyl acetate = 1)	
<b>Specific Gravity</b>	1.0		
<b>pH</b>	11.3-11.7		
<b>Solids</b>	3%		
<b>Water Solubility</b>	100%		
<b>Solubility in other solvents</b>	Not determined		
<b>Partition Coefficient</b>	Not determined	n-Octanol/Water ( $K_{ow}$ )	
<b>Volatility Including Water</b>	>80%		
<b>VOC Content (%)</b>	16%		
<b>Dielectric Strength (Volts)</b>	Not determined		
<b>Decomposition Temperature</b>	Not determined		
<b>Viscosity</b>	Not determined		
<b>Explosive Properties</b>	Not determined		

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	None known
<b>Chemical Stability</b>	Stable under recommended storage conditions.
<b>Possibility of Hazardous Reactions</b>	None under normal processing.
<b>Conditions to Avoid</b>	Temperatures greater than 122°F and source of ignition.
<b>Incompatible Materials</b>	Strong acids, strong alkalis, strong oxidizing agents.
<b>Hazardous Decomposition Products</b>	Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

<b>Eye Contact</b>	Causes irritation.
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<b>Skin Contact</b>	May cause mild irritation, dryness with prolonged or repeated contact.
<b>Inhalation</b>	Irritant. Avoid breathing spray mist. May cause irritation to respiratory tract.
<b>Ingestion</b>	May cause gastrointestinal irritation, abdominal cramps

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
2-Butoxyethanol 111-76-2	320 mg/kg ( Rat )	440 mg/kg (Rabbit)	700 ppm ( Rat ) 4 hr
Isopropyl Alcohol 67-63-0	5,045 mg/kg (Rat) 5,045 mg/kg (Rabbit)	2,000 mg/kg (Rabbit)	16,000 ppm (Rat) 8hr
Propane 74-98-6	-	-	658 mg/L ( Rat ) 4 h

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

**Symptoms** Please see section 4 of this SDS for symptoms.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Carcinogenicity** OSHA: No ACGIH: No NTP: No IARC: No OTHER: CA Prop 65

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** Isopropyl Alcohol (67-63-0)  
LC50 (Fathead Minnow, 96 hrs) 9640 mg/L

**Component Information**

**Persistence/Degradability** Component(s) of this product are not biodegradable.

**Bioaccumulation** This product is not expected to bioaccumulate.

**Mobility** This product is mobile in soil.

**Other Ecological Hazard** None known.

## 13. DISPOSAL CONSIDERATIONS

**Waste Treatment Methods**

**Disposal of Wastes** Dispose of in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.

**RCA Status** Not listed as hazardous waste under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

## 14. TRANSPORT INFORMATION

**DOT**  
UN/ID No UN1950  
Proper Shipping Name Aerosols, Ltd. Qty  
Hazard Class / Division 2.1

**IATA**  
UN/ID No UN1950  
Proper Shipping Name Aerosols, Ltd. Qty  
Hazard Class / Division 2.1

**IMDG****UN/ID No**

UN1950

**Proper Shipping Name**

Aerosols, Ltd. Qty

**Hazard Class / Division**

2.1

**15. REGULATORY INFORMATION****International Regulations**

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
2-Butoxyethanol (111-76-2)	X	X	X	X	X	X	X	X	X	X

**Legend:***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***US Federal Regulations****TSCA STATUS**

All Chemicals are listed or exempt.

**CERCLA**

None

**SARA 311/312 Hazard Categories**

None

**SARA 313 Reportable Ingredients**

2-Butoxyethanol (111-76-2)

**US State Regulations****California Prop 65**

None

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
2-Butoxyethanol (111-76-2)	X	X	X

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazards</b> 1	<b>Flammability</b> 1	<b>Instability</b> 1	<b>Special Hazards</b> None
<b><u>HMIS</u></b>	<b>Health Hazards</b> 1	<b>Flammability</b> 1	<b>Physical Hazards</b> 1	<b>Personal Protection</b> Determined by end user
<b>Issue Date:</b>	05-May-2015			
<b>Revision Date:</b>	18-Mar-2020			
	12-Oct-2020			
<b>Revision Note:</b>	New format			
	Correction to section 3			

**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**