

Issue Date: 15-Jan-2016

Revision Date: 20-Mar-2020

Version 2

1. IDENTIFICATION

Product Identifier

Product Name Hospital Spray Disinfectant ASQD

Other means of identification

ITEM# M-03290

UN/ID No UN 1950

Recommended use of the chemical and restrictions on use

Recommended Use Air Sanitizer

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 spray mist

Physical State Aerosol

Odor Pleasant

Classification

Flammable Aerosol (Liquefied Gas)	Category 2
Skin Irritant	Category 2
Eye Irritant	Category 2A

Hazard Not Otherwise Classified (HNOC)

Signal Word

Warning



Hazard Statements

H223 Flammable Aerosol

H280 Contains gas under pressure. May explode if heated

H315 + H320 Causes skin and eye irritation

Precautionary Statements – Prevention

P210 Keep away from heat, sparks, open flames, and hot surfaces. - No smoking
 P211 Do not spray on an open flame or other ignition source.
 P251 Pressurized container: Do not pierce or burn, even after use.
 P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50C/122°F.
 P403 Store in a well-ventilated place.
 P264 Wash hands thoroughly after handling.
 P280 Wear protective gloves and eye protection.

Precautionary Statements - Response

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 P337 + P313 If eye irritation persists: Get medical attention
 P302 + P352 + P362 If on skin: Wash with plenty of water Take off contaminated clothing and wash before reuse.
 P332 + P313 If skin irritation occurs: Get medical attention.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Isopropyl Alcohol	67-63-0	30-60
Propane / n- Butane	68476-86-8	10-30
Triethylene Glycol	112-27-6	3-7

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 copious amounts of water for 15 minutes. If irritation persists, see physician.
Skin Contact	Wash contact areas with soap and water. If skin irritation persists, call a physician.
Inhalation	Remove from further exposure. Seek immediate medical assistance. If breathing has stopped, assist ventilation with a mechanical device or use mouth-to-mouth resuscitation.
Ingestion	Do not induce vomiting without medical advice. Seek immediate medical attention/advice.

Most important symptoms and effects

Acute Health Hazard	May cause eye redness, tearing, blurred vision
Chronic Health Hazard	May cause damage to the following organs: Kidney, liver, skin, NCS depression

Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media Dry chemical, carbon dioxide, foam, and water spray or fog.

Unsuitable Extinguishing Media Do not use straight streams.

Specific Hazards Arising from the Chemical Not determined.

Hazardous Combustion Products Oxides of carbon

Protective equipment and precautions for firefighters

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.
Contents under pressure. Exposure to temperatures above 120°F may cause bursting

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

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

Environmental Precautions

Dike far ahead of liquid spill for later recovery and disposal. Prevent entry into waterways, sewers, basements or confined areas. See Section 12 for additional Ecological Information.

SPILL**Methods for Clean-Up**

Use non-combustible material like vermiculite, sand or earth 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 dump in sewers. Use sand or other non-combustible absorbent material to clean up spill and place in container for later disposal. Containers may contain hazardous residue.

RCRA STATUS

Waste likely considered D001 under RCRA, however product should be fully characterized prior to disposal (40 CFR 261)

7. HANDLING AND STORAGE

Advice on Safe Handling

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.

Storage Conditions

Do not contaminate other materials (including foods/drinks/feeds/water) during transport, use, storage, and disposal.

Incompatible Materials

Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Isopropyl Alcohol	400 ppm	200 ppm	-
Propane/n-Butane	1000 ppm	1000 ppm	-
Triethylene Glycol	N/A	N/A	-

Appropriate engineering controls**Engineering Controls**

General ventilation and local exhaust should be adequate.

Individual protection measures, such as personal protective equipment**Personal Protective Equipment**

Safety glasses and chemical resistant gloves.

Respiratory Protection

Wear NIOSH/MSHA approved respiratory protection if used in confined, poorly ventilated areas

General Hygiene Considerations Wash hands and clothing in contact with product after use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	aerosol	Odor	Medicinal
Appearance	Clear	Odor Threshold	Not determined
Color	Colorless / light yellow		
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH	10		
Freezing Point	Not determined		
Boiling Point	>170 °F		
Flash Point	< 100 °F		
Auto-ignition Temperature	Not determined		
Flammability (Solid, Gas)	Flammable aerosol		
Upper / Lower Flammability Limit	Not determined		
Vapor Pressure	44	77°F / 25°C	
Vapor Density	> 1	(Air=1) 77°F / 25°C	
Evaporation Rate	> 1	(butyl acetate = 1)	
Specific Gravity	0.89	(1=Water)	
Water Solubility	soluble		
Solubility in other solvents	Not determined		
Partition Coefficient	Not determined	n-OCTANOL/WATER (K _{ow})	
Auto-ignition Temperature	Not determined		
Volatility Including Water	99%		
VOC Content (%)	60%		
Dielectric Strength (volts)	Not determined		

10. STABILITY AND REACTIVITY

Reactivity	Not reactive under normal conditions.
Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	None known.
Conditions to Avoid	Temperatures greater than 122°F and source of ignition. Prolonged contact with free water will result in diminished stabilizer and corrosion
Incompatible Materials	Strong oxidizing agents
Hazardous Decomposition Products	Oxides of carbon.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye Contact	Causes moderate to severe irritation, redness, tearing, pain
Skin Contact	Contact with liquid can freeze tissue similar to thermal burn.
Inhalation	Acute exposure may cause nausea, vomiting, coughing and pulmonary irritation
Ingestion	May cause gastrointestinal irritation, headaches, nausea, diarrhea, vomiting, depending on the amount ingested. Small amounts unlikely to cause irritation

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Isopropyl Alcohol (67-63-0)	5045 mg/kg (Rat)	12,800 mg/kg (Rabbit)	16,000 ppm 4 hr (Rat)

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: N/A

12. ECOLOGICAL INFORMATION

Ecotoxicity Isopropyl Alcohol (67-63-0)

Component Information Persistence/Degradability LC50 (Fathead Minnow, 96 hrs) 100,000 mg/L
Component(s) of this product is not biogradable.

Bioaccumulation This product is not expected to bioaccumulate.

Mobility This product is mobile in soil.

Other Adverse Effects This material is toxic to aquatic life.

13. DISPOSAL CONSIDERATIONS

Disposal of Wastes Do not puncture or incinerate! If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions

RCRA STATUS 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 2.1

Packing group None

IATA

UN/ID No UN1950

Proper Shipping Name Aerosols, Ltd. Qty

Hazard Class 2.1

Packing group None

IMDG

UN/ID No UN1950

Proper Shipping Name Aerosols, Ltd. Qty

Hazard Class 2.1

Packing group None

Environmental Hazards Water: Marine Pollutant

15. REGULATORY INFORMATION

International Regulations: All components are listed or exempted

US Federal Regulations

TSCA STATUS Listed

CERCLA : None

SARA 311/312 Hazard Categories: Fire Hazard

SARA 313 Reportable Ingredients Isopropyl Alcohol (67-63-0)

California Proposition 65 This product does not contain chemicals known to the State of California to cause cancer, reproductive harm, or birth defects. See www.P65Warnings.ca.com for additional information.

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	1	2	1	None
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	1	2	1	Determined by end user

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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