

# Material Safety Data Sheet

ASEPTICARE AEROSOL

## Section 1. Chemical product and company identification

Trade name : ASEPTICARE AEROSOL  
Product use : disinfectant  
Supplier : Myers Supply, Inc.  
831 Third St.  
Hot Springs, AR 71913  
501-623-7742  
Code : 975524  
Date of issue : 18-March-2005  
EPA  
Registration  
No. : 42964-17

EMERGENCY HEALTH INFORMATION: 1-888-627-8740

## Section 2. Composition, Information on Ingredients

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
Ethanol	64-17-5	>50
Propane	74-98-6	5 - 20
isobutane	75-28-5	5 - 20

## Section 3. Hazards identification

Physical state : Liquid. (Aerosol.)  
Emergency  
overview : Warning!

CAUSES EYE AND SKIN IRRITATION.  
MAY BE HARMFUL IF SWALLOWED.  
CONTENTS UNDER PRESSURE.  
FLAMMABLE LIQUID AND VAPOR. VAPOR MAY CAUSE FLASH FIRE.  
Do not ingest. Avoid contact with skin and clothing. Keep away from heat, sparks and flame. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

### Potential acute health effects

Eyes : Irritating to eyes.  
Skin : Irritating to skin.  
Inhalation : High vapor concentrations can cause headaches, dizziness, drowsiness, and nausea, and may lead to unconsciousness.  
Ingestion : Harmful if swallowed.

See toxicological Information (section 11)

## Section 4. First aid measures

Eye contact : In case of contact, immediately flush eyes with cool running water. Remove contact lenses and continue flushing with plenty of water for at least 15 minutes. Get medical attention if irritation persists.  
Skin contact : Wash with soap and water. Get medical attention if irritation occurs. Wash clothing before reuse.  
Inhalation : If inhaled, remove to fresh air. Get medical attention if symptoms appear.

**Ingestion** : Rinse mouth; then drink one or two large glasses of water. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.

## Section 5. Fire fighting measures

**Flash point** : 27.2222 °C (Closed cup)  
**Fire fighting media and instructions** : In case of fire, use water spray (fog), foam, dry chemicals, or CO<sub>2</sub>. Cool closed containers exposed to fire with water.

CONTENTS UNDER PRESSURE. Flammable aerosol. Bursting aerosol containers may be propelled from a fire at high speed.

Flammable liquid and vapor. Vapor may cause flash fire. Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.

**Special protective equipment for fire-fighters** : Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full facepiece operated in positive pressure mode.

## Section 6. Accidental release measures

**Personal precautions** : Immediately contact emergency personnel. Eliminate all ignition sources. Keep unnecessary personnel away. Use suitable protective equipment (Section 8). Do not touch or walk through spilled material.

**Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

**Methods for cleaning up** : If emergency personnel are unavailable, contain spilled material. For small spills add absorbent (soil may be used in the absence of other suitable materials) and use a non-sparking or explosion proof means to transfer material to a sealed, appropriate container for disposal. For large spills dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.--

## Section 7. Handling and storage

**Handling** : Do not ingest. Avoid contact with eyes, skin and clothing. Keep away from heat, sparks and flame. To avoid fire, minimize ignition sources. Wash thoroughly after handling.

**Storage** : Keep out of the reach of children. Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame). Do not store above 50°C

## Section 8. Exposure Controls, Personal Protection

**Engineering controls** : Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are proximal to the work-station location.

### Personal protection

**Eyes** : Chemical splash goggles.

**Hands** : For prolonged or repeated handling, use Impervious gloves.

**Skin** : No protective equipment is needed under normal use conditions.

**Respiratory** : Avoid breathing vapor or mist.

**Name** **Exposure limits**

Ethanol	<b>ACGIH TLV (United States, 5/2004). Notes: 1996 Adoption Refers to Appendix A -- Carcinogens.</b> TWA: 1880 mg/m <sup>3</sup> 8 hour(s). Form: All forms TWA: 1000 ppm 8 hour(s). Form: All forms <b>OSHA PEL (United States, 6/1993).</b> TWA: 1900 mg/m <sup>3</sup> 8 hour(s). Form: All forms TWA: 1000 ppm 8 hour(s). Form: All forms
Propane	<b>ACGIH TLV (United States, 1/2004). Notes: ACGIH 2004 Adoption</b> TWA: 1000 ppm 8 hour(s). Form: All forms <b>OSHA PEL (United States, 6/1993).</b> TWA: 1800 mg/m <sup>3</sup> 8 hour(s). Form: All forms TWA: 1000 ppm 8 hour(s). Form: All forms
isobutane	<b>ACGIH TLV (United States, 1/2004). Notes: ACGIH 2004 Adoption</b> TWA: 1000 ppm 8 hour(s). Form: All forms <b>NIOSH REL (United States, 6/2001).</b> TWA: 1900 mg/m <sup>3</sup> 10 hour(s). Form: All forms TWA: 800 ppm 10 hour(s). Form: All forms

## Section 9. Physical and chemical properties

<b>Physical state</b>	: Liquid. (Aerosol.)
<b>Color</b>	: Colorless to light yellow.
<b>Odor</b>	: Floral.
<b>pH</b>	: 10.5 (100%)
<b>Specific gravity</b>	: 0.845 (Water = 1)

## Section 10. Stability and reactivity

<b>Stability</b>	: The product is stable.
<b>Reactivity</b>	: Slightly reactive to reactive with acids.

## Section 11. Toxicological information

### Potential acute health effects

<b>Eyes</b>	: Irritating to eyes.
<b>Skin</b>	: Irritating to skin.
<b>Inhalation</b>	: High vapor concentrations can cause headaches, dizziness, drowsiness, and nausea, and may lead to unconsciousness.
<b>Ingestion</b>	: Harmful if swallowed.

### Potential chronic health effects

<b>Chronic effects on humans</b>	: Contains material which causes damage to the following organs: blood, the nervous system, the reproductive system, liver, upper respiratory tract, skin, central nervous system (CNS), eye, lens or cornea.
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## Section 12. Ecological information

<b>Products of degradation</b>	: These products are carbon oxides (CO, CO <sub>2</sub> ) and water.
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### Section 13. Disposal considerations

**Waste disposal** : The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

**Waste classification** : Unused product is D001 (Ignitable)

**Consult your local or regional authorities.**

### Section 14. Transport information

Regulatory information	UN number	Proper shipping name	Class	Packing group	Additional information
DOT Classification	UN1950	AEROSOLS, Flammable	2.1	-	-

**APPLIES ONLY DURING ROAD TRANSPORT**

Any variation of the shipping description based on the packaging is not addressed.

### Section 15. Regulatory information

- HCS Classification** : Flammable liquid  
Irritating material  
Target organ effects
- U.S. Federal regulations** : SARA 302/304/311/312 extremely hazardous substances: None.  
SARA 302/304 emergency planning and notification: None.
- TSCA 8(b) inventory** : All materials are listed or exempt.
- California prop. 65** : No products were found.
- EPA Registraion No.** : 42964-17

### Section 16. Other information

<b>Hazardous Material Information System (U.S.A.)</b>	<b>Health</b>	2
	<b>Fire hazard</b>	3
	<b>Reactivity</b>	0
	<b>Personal protection</b>	B

- Date of issue** : 18-March-2005.
- Responsible name** : Regulatory Affairs
- Date of previous issue** : No Previous Validation.

**Notice to reader**

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.