

Material Safety Data Sheet



ASEPTICARE

Section 1. Chemical product and company identification

Trade name : ASEPTICARE
Product use : disinfectant
Supplier : Airkem Professional Products Division of Ecolab Inc.
370 N. Wabasha St.
St. Paul, MN 55102
1-800-332-6522
Code : 975524
Date of issue : 12-June-2007
EPA Registration No. : 42964-17

EMERGENCY HEALTH INFORMATION: 1-800-328-0026
Outside United States and Canada CALL 1-651-222-5352 (in USA)

Section 2. Composition, information on ingredients

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
Ethanol	64-17-5	62.74
Propane	74-98-6	5 - 20
isobutane	75-28-5	5 - 20
quaternary ammonium compounds, benzyl-c12-18-alkyldimethyl, chlorides	68391-01-5	0.15
quaternary ammonium compounds, c12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides	85409-23-0	0.15

Section 3. Hazards identification

Physical state : Liquid. [Aerosol.]
Emergency overview : WARNING!

CAUSES EYE AND SKIN IRRITATION.

HARMFUL IF SWALLOWED.

CONTENTS UNDER PRESSURE.

Do not puncture, incinerate, store the container at temperatures above 49°C (120°F) or in direct sunlight.

Can cause central nervous system depression.

FLAMMABLE LIQUID AND VAPOR.

VAPOR MAY CAUSE FLASH FIRE.

Do not ingest. Avoid contact with eyes, skin and clothing. Avoid all possible sources of ignition (spark or flame). Keep away from heat and direct sunlight. 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.
- Skin contact** : Flush contaminated skin with plenty of water. Continue to rinse for at least 10 minutes. Get medical attention if irritation persists. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly 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. Never give anything by mouth to an unconscious person. Get medical attention 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 chemical or CO₂. 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 or travel a considerable distance to a 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 face-piece 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. 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. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
- 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 sealable, 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, eliminate 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 the following temperature: 50°C

Section 8. Exposure controls, personal protection

- Engineering measures** : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits.

Personal protection :

- Eyes** : Wear eye protection.
- Hands** : For prolonged or repeated handling, use the following type of gloves: Impervious gloves.
- Skin** : No protective equipment is needed under normal use conditions.
- Respiratory** : Avoid breathing vapor or mist.

Name **Exposure limits**

ethanol	ACGIH TLV (United States, 1/2006). TWA: 1880 mg/m ³ 8 hour(s). TWA: 1000 ppm 8 hour(s). OSHA PEL (United States, 11/2006). TWA: 1900 mg/m ³ 8 hour(s). TWA: 1000 ppm 8 hour(s).
propane	ACGIH TLV (United States, 1/2006). TWA: 1000 ppm 8 hour(s). OSHA PEL (United States, 11/2006). TWA: 1800 mg/m ³ 8 hour(s). TWA: 1000 ppm 8 hour(s).
isobutane	ACGIH TLV (United States, 1/2006). TWA: 1000 ppm 8 hour(s).

Section 9. Physical and chemical properties

Physical state	: Liquid. [Aerosol.]
Color	: Colorless to light yellow.
Odor	: Floral.
pH	: 10.5 [Conc. (% w/w): 100%]
Specific gravity	: 0.845

Section 10. Stability and reactivity

Stability	: The product is stable.
Reactivity	: Slightly reactive to reactive with acids.

Section 11. Toxicological information

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.

Potential chronic health effects

Chronic effects on humans	: 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

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	-	Consumer commodity	ORM-D	-	Not available.

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: No products were found. SARA 302/304 emergency planning and notification: No products were found.
TSCA 8(b) inventory	: All materials are listed or exempt.
California Prop. 65	: No products were found.
EPA Registration No.	: 42964-17

Section 16. Other information

Hazardous Material Information System (U.S.A.)	:	<table><tr><td>Health</td><td>*</td><td>2</td></tr><tr><td>Flammability</td><td></td><td>3</td></tr><tr><td>Physical hazards</td><td></td><td>0</td></tr><tr><td></td><td></td><td></td></tr></table>	Health	*	2	Flammability		3	Physical hazards		0			
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Physical hazards		0												

Date of issue	: 12-June-2007.
Responsible name	: Regulatory Affairs
Date of previous issue	: 30-March-2007.

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.