

Material Safety Data Sheet



ASEPTICARE DISINFECTANT FOAM CLEANER

Section 1. Chemical product and company identification

Trade name : ASEPTICARE DISINFECTANT FOAM CLEANER
Product use : Cleaner and disinfectant
Supplier : Ecolab Inc. Professional Products Division
370 N. Wabasha St.
St. Paul, MN 55102
1-800-247-5362
Code : 969105
Date of issue : 25-January-2006
EPA Registration No. : 706-65-1677

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>
2-butoxyethanol	111-76-2	10
petroleum gases, liquefied, sweetened	68476-86-8	5 - 20
acetic acid, (ethylenedinitrilo)tetra-, tetrasodium salt	64-02-8	5 - 20
quaternary ammonium compounds, benzyl-c12-18-alkyldimethyl, chlorides	68391-01-5	0.115
quaternary ammonium compounds, c12-18-alkyl[(ethylphenyl)methyl]dimethyl, chlorides	68956-79-6	0.115

Section 3. Hazards identification

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

CAUSES EYE IRRITATION.
HARMFUL IF INHALED OR ABSORBED THROUGH SKIN.
FLAMMABLE.
FLAMMABLE LIQUID AND VAPOR.
CONTENTS UNDER PRESSURE.
Do not puncture, incinerate or store the container at temperatures above 49°C (120°F) or in direct sunlight.
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 : Slightly irritating to the eyes.
Skin : No known significant effects or critical hazards.
Inhalation : Slightly irritating to the respiratory system.
Ingestion : No known significant effects or critical hazards.

See toxicological information (section 11)

Section 4. First aid measures

Eye contact : Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

Skin contact : Flush contaminated skin with plenty of water. Wash clothing before reuse.

Inhalation : If inhaled, remove to fresh air. If not breathing, give artificial respiration.

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 : > 100°C

Fire-fighting media and instructions : In case of fire, use water spray (fog), foam, dry chemical, or CO₂.

Containers may explode when heated. Ruptured cylinders may rocket. Flammable liquid and vapor. Vapor may cause 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.

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 : Use only with adequate ventilation. Keep away from heat, sparks and flame. To avoid fire, eliminate ignition sources. Liquid and vapor under pressure. Do not puncture or incinerate container. 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 10°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.

Personal protection

Eyes : No protective equipment is needed under normal use conditions.

Hands : Use chemical-resistant, impervious gloves.

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

Respiratory : A respirator is not needed under normal and intended conditions of product use.

Name

2-butoxyethanol

Exposure limits

ACGIH TLV (United States, 1/2004).

TWA: 20 ppm 8 hour(s). Form: All forms

OSHA PEL (United States, 8/1997). Skin

TWA: 240 mg/m³ 8 hour(s). Form: All forms

TWA: 50 ppm 8 hour(s). Form: All forms

Section 9. Physical and chemical properties

Physical state : Liquid. (Aerosol.)

Color : Yellowish.

Odor : Floral.

pH : 12.33 (100%)

Specific gravity : 0.979 (Water = 1)

Solubility : Easily soluble in cold water, hot water.

Section 10. Stability and reactivity

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

Section 11. Toxicological information

Potential acute health effects

Eyes : Slightly irritating to the eyes.
 Skin : No known significant effects or critical hazards.
 Inhalation : Slightly irritating to the respiratory system.
 Ingestion : No known significant effects or critical hazards.
 Chronic effects on humans : Contains material which causes damage to the following organs: blood, kidneys, liver, lymphatic system, upper respiratory tract, skin, central nervous system (CNS), eye, lens or cornea.

Section 12. Ecological information

Products of degradation : These products are carbon oxides (CO, CO₂) and water, nitrogen oxides (NO, NO₂ etc.). Some metallic oxides.

Section 13. Disposal considerations

Waste disposal : Do not puncture or incinerate container.
 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	-	-

APPLIES ONLY DURING ROAD TRANSPORT

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

Section 15. Regulatory information

HCS Classification : 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.
 SARA 313 Product name Concentration
 Form R - Reporting requirements: 2-butoxyethanol 10
 California Prop. 65 : No products were found.
 EPA Registration No. : 706-65-1677

Section 16. Other information

Hazardous Material Information System (U.S.A.) :

Health	*	1
Fire hazard		4
Reactivity		0
Personal protection		B

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Responsible name : Regulatory Affairs

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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.