

Material Safety Data Sheet

ASEPTICARE TB+II



Section 1. Chemical product and company identification

Trade name : ASEPTICARE TB+II
Product use : Cleaner and disinfectant
Supplier : Ecolab Inc. Professional Products Division
370 N. Wabasha St.
St. Paul, MN 55102
1-800-247-5362
Code : 938357
Date of issue : 08-March-2006
EPA Registration No. : 1130-15-1677

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>
propan-2-ol	67-63-0	21
2-butoxyethanol	111-76-2	5
alkyl dimethyl benzyl ammonium chloride	8001-54-5	0.154
quaternary ammonium compounds, benzyl-c12-18-alkyldimethyl, chlorides	68391-01-5	0.154

Section 3. Hazards identification

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

HARMFUL IF INHALED OR ABSORBED THROUGH SKIN.
CAUSES EYE IRRITATION.
FLAMMABLE LIQUID AND VAPOR.
VAPOR MAY CAUSE FLASH FIRE.

Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep away from heat, sparks and flame. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

Potential acute health effects

Eyes : Moderately irritating to eyes.
Skin : Moderately irritating to the skin.
Inhalation : Moderately 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 : 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. Check for and remove any contact lenses. Get medical attention.
Skin contact : Remove contaminated clothing and shoes. Rinse with plenty of running water. Wash clothing before reuse. Get medical attention if irritation occurs.
Inhalation : If inhaled, remove to fresh air.
Ingestion : Do not induce vomiting. Never give anything by mouth to an unconscious person. If irritation persists, get medical attention.

Section 5. Fire fighting measures

- Flash point : 30 °C (Closed cup)
- Fire-fighting media and instructions : In case of fire, use water spray (fog), foam, dry chemical, or CO₂.
- Dike liquid for later disposal.
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.
- 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 : Avoid contact with eyes, skin and clothing. Keep container closed. Use only with adequate ventilation. Avoid breathing vapor or mist. Keep away from heat, sparks and flame. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. 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 40°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 : Eye protection recommended.
- Hands : Use chemical-resistant, impervious gloves.
- Skin : Wear suitable protective clothing.
- Respiratory : Avoid breathing vapors, spray or mists.

Name

propan-2-ol

Exposure limits

ACGIH TLV (United States, 1/2005).

STEL: 400 ppm 15 minute/minutes. Form: All forms

TWA: 200 ppm 8 hour(s). Form: All forms

OSHA PEL (United States, 8/1997).

TWA: 980 mg/m³ 8 hour(s). Form: All forms

TWA: 400 ppm 8 hour(s). Form: All forms

NIOSH REL (United States, 12/2001).

STEL: 1225 mg/m³ 15 minute/minutes. Form: All forms

STEL: 500 ppm 15 minute/minutes. Form: All forms

TWA: 980 mg/m³ 10 hour(s). Form: All forms

TWA: 400 ppm 10 hour(s). Form: All forms

2-butoxyethanol

ACGIH TLV (United States, 1/2005).

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. (Liquid.)
Color : Clear.
Odor : Alcohol-like.
pH : 7 (100%)
Boiling/condensation point : >35 °C
Specific gravity : 0.96 (Water = 1)

Section 10. Stability and reactivity

Stability : The product is stable.

Section 11. Toxicological information

Potential acute health effects

Eyes : Moderately irritating to eyes.
Skin : Moderately irritating to the skin.
Inhalation : Moderately 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.

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	Not regulated.	-	-	-	-

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.

SARA 313 **Product name** **Concentration**

Form R - Reporting requirements : 2-butoxyethanol 5

California Prop. 65 : No products were found.

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Section 16. Other information

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

Health	1
Fire hazard	3
Reactivity	0
Personal protection	B

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 Responsible name : Regulatory Affairs
 Date of previous issue : 08-March-2006.

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.