

3127

Material Safety Data Sheet

ECOLAB®

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
 : 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

Name	CAS number	% by weight
propan-2-ol	67-63-0	21
2-butoxyethanol	111-76-2	5
allyl dimethyl benzyl ammonium chloride	8001-54-5	0.154
quaternary ammonium compounds, benzyl-c12-18-alkyl-dimethyl-, chlorides	68391-01-5	0.154

Section 3. Hazards identification

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

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.

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.

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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 : Eye protection recommended.

Eyes : Use chemical-resistant, impervious gloves.

Hands : Wear suitable protective clothing.

Skin : Avoid breathing vapors, spray or mists.

Respiratory : Avoid breathing vapors, spray or mists.

Exposure limits

ACGIH TLV (United States, 1/2005)
 STEL: 400 ppm 15 minute/minutes; Form: All forms
 TWA: 200 ppm 8 hour/hours; Form: All forms

OSHA PEL (United States, 8/1997)
 TWA: 980 mg/m³ 8 hour/hours; Form: All forms
 TWA: 400 ppm 8 hour/hours; Form: All forms

NIOSH REL (United States, 1/2001)
 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/hours; Form: All forms
 TWA: 400 ppm 10 hour/hours; Form: All forms

ACGIH TLV (United States, 1/2005)
 TWA: 20 ppm 8 hour/hours; Form: All forms
OSHA PEL (United States, 8/1997), SKIN

2-butoxyethanol

TWA: 240 mg/m³ 8 hour/hours. Form: All forms.
TWA: 50 ppm 8 hour/hours. Form: All forms

Section 9. Physical and chemical properties

Physical state : Liquid (Liquid)
Color : Clear.
Odor : Alcohol-like.
PH : 7 (100%)
Boiling/condensation : >35 °C
point
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 whenever 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.
SARA 313 : All materials are listed or exempt.
TSCA 8(b) Inventory : Product name
Form R - Reporting requirements : 2-oxoylethanol
California Prop. 65 : No products were found.
EPA Registration No. : 1130-15-1677

Section 16. Other information

Hazardous Material Information System (U.S.A.)	Health	1
Fire hazard	3	
Reactivity	0	
Personal protection	B	

Date of issue : 08-March-2006.
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.