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# Material Safety Data Sheet

## ECOLAB

ASEPTI-STERYL DISINFECTANT

### Section 1. Chemical product and company identification

**Trade name** : ASEPTI-STERYL DISINFECTANT  
**Product use** : disinfectant  
**Supplier** : Ecolab Inc, Healthcare Division  
 370 N. Wabasha St.  
 St. Paul, MN 55102  
 1-800-332-6522  
 926303  
**Date of issue** : 17-November-2005  
**EPA Registration No.** : 706-69-1677  
**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
methanol	67-56-1	5
diphenyl-2-ol	90-43-7	0.176
p-tert-butylphenol	80-46-6	0.045
ethanol	64-17-5	49.95
petroleum gases, liquefied	69476-85-7	20 - 50

### Section 3. Hazards identification

**Physical state** : Liquid. (Aerosol.)  
**Emergency overview** : CAUTION!  
**FLAMMABLE LIQUID AND VAPOR, HARMFUL IF ABSORBED THROUGH SKIN, VAPOR MAY CAUSE FLASH FIRE, MAY CAUSE SKIN IRRITATION, CAUSES EYE IRRITATION.**

Avoid contact with skin and clothing. Keep away from heat, sparks and flame. Keep combiner closed. Use only with adequate ventilation. Wash thoroughly after handling.

**Potential acute health effects**  
**Eyes** : Moderately irritating to the eyes.  
**Skin** : Moderately irritating to the skin.  
**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** : 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.  
**Ingestion** : 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.

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### Section 5. Fire fighting measures

**Flash point** : 30 °C (Closed cup)  
**Flammable limits** : Lower: 1.8 %  
 Upper: 9.2 %  
**Fire fighting media and instructions** : In case of fire, use water spray (fog), foam, dry chemicals, or CO<sub>2</sub>.  
**Dike area of fire to prevent product run-off.**  
 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, 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, dikes 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. Do not add water directly to product. Slowly stir product into water. 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** : Good general ventilation should be sufficient to control airborne levels.  
**Personal protection**  
**Eyes** : Eye protection recommended.  
**Hands** : For prolonged or repeated handling, use impervious gloves.  
**Skin** : No protective equipment is needed under normal use conditions.  
**Respiratory** : No protective equipment is needed under normal use conditions.  
**Exposure limits**  
**ACGIH TLV (United States, 1/2004)**  
 TWA: 1880 mg/m<sup>3</sup> 8 hour(s). Form: All forms  
 TWA: 1000 ppm 8 hour(s). Form: All forms  
**OSHA PEL (United States, 8/1997)**  
 TWA: 1900 mg/m<sup>3</sup> 8 hour(s). Form: All forms  
 TWA: 1000 ppm 8 hour(s). Form: All forms  
**ACGIH TLV (United States, 1/2004)**  
 TWA: 1000 ppm 8 hour(s). Form: All forms  
**OSHA PEL (United States, 8/1997)**  
 TWA: 1800 mg/m<sup>3</sup> 8 hour(s). Form: All forms  
 TWA: 1000 ppm 8 hour(s). Form: All forms  
**ACGIH TLV (United States, 1/2004)** **Skin**  
 STEL: 328 mg/m<sup>3</sup> 15 minute(s). Form: All forms  
 STEL: 250 ppm 15 minute(s). Form: All forms

methanol

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TWA: 262 mg/m<sup>3</sup>, 8 hour(s). Form: All forms  
TWA: 200 ppm, 8 hour(s). Form: All forms  
OSHA PEL (United States) 8(1997)  
TWA: 260 mg/m<sup>3</sup>, 8 hour(s). Form: All forms  
TWA: 200 ppm, 8 hour(s). Form: All forms

**Section 9. Physical and chemical properties**

Physical state : Liquid. (Aerosol.)  
Color : Colorless.  
Odor : citrus  
pH : Not applicable  
Specific gravity : 0.7515 (Water = 1)

**Section 10. Stability and reactivity**

Stability : The product is stable.

**Section 11. Toxicological information**

Potential acute health effects  
Eyes : Moderately irritating to the eyes.  
Skin : Moderately irritating to the skin.  
Inhalation : Slightly irritating to the respiratory system.  
Ingestion : No known significant effects or critical hazards.  
Potential chronic health effects  
Chronic effects on : Contains material which causes damage to the following organs: blood, the reproductive system, liver, gastrointestinal tract, 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, CO<sub>2</sub>) 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 D002 (Corrosive)  
Consult your local or regional authorities. Unused product is D001 (Ignitable)

**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 : Irritating material  
Carcinogen  
U.S. Federal regulations : Target organ effects : None.  
SARA 302/304 emergency planning and notification: None.  
All materials are listed or exempt.  
TSCA 8(b) Inventory :  
SARA 313 :  
Form R - Reporting requirements : methanol  
California prop. 65 :  
EPA Registration No. : 706-69-1677  
Product name :  
Concentration : 5

**Section 16. Other information**

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

Date of issue : 17-November-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.