

Item # 31135



# SAFETY DATA SHEET ASEPTI-STERYL DISINFECTANT

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : ASEPTI-STERYL DISINFECTANT

Other means of identification : Not applicable

Recommended use : Disinfectant

Restrictions on use : Reserved for industrial and professional use.

Product dilution information : Product is sold ready to use.

Company : Ecolab Inc.  
370 N. Wabasha Street  
St. Paul, Minnesota USA 55102  
1-800-352-5326

Emergency telephone : 1-800-328-0026 (US/Canada), 1-651-222-5352 (outside US)

Issuing date : 08/21/2014

## SECTION 2. HAZARDS IDENTIFICATION

**GHS Classification**

- Flammable aerosols
- Compressed gas
- Category 2
- Category 4
- Acute toxicity (Dermal)
- Category 2B
- Eye Irritation
- Category 2B
- Skin sensitization
- Category 1

**GHS Label element**

Hazard pictograms



Signal Word : Caution

**Hazard Statements**

- Flammable aerosol.
- Contains gas under pressure; may explode if heated.
- Harmful in contact with skin.
- May cause an allergic skin reaction.
- Causes eye irritation.

**Precautionary Statements**

- Prevention:** Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Intentional misuse by deliberate inhalation may be harmful or fatal.
- Response:** IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If skin irritation or rash occurs: Get

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medical advice/ attention. If eye irritation persists: Get medical advice/ attention. Wash contaminated clothing before reuse.

**Storage:** Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.

**Disposal:** Dispose of contents/ container to an approved waste disposal plant

Other hazards : None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Pure substance/mixture   | Mixture                  |
|--------------------------|--------------------------|
| <b>Chemical Name</b>     | <b>CAS-No.</b>           |
| Orthophenylphenol        | 90-43-7                  |
| Para-tertiary Amylphenol | 80-46-6                  |
| ethanol                  | 64-17-5                  |
| difluoroethane           | 75-37-6                  |
| methanol                 | 67-56-1                  |
|                          | <b>Concentration (%)</b> |
|                          | 0.176                    |
|                          | 0.045                    |
|                          | 49.95                    |
|                          | 30 - 60                  |
|                          | 3                        |

## SECTION 4. FIRST AID MEASURES

In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.

In case of skin contact : Wash off immediately with plenty of water for at least 15 minutes. Use a mild soap if available. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

If swallowed : Rinse mouth. Get medical attention if symptoms occur.

If inhaled : Remove to fresh air. Treat symptomatically. Get medical attention if symptoms occur.

Protection of first-aiders : If potential for exposure exists refer to Section 8 for specific personal protective equipment.

Notes to physician : Treat symptomatically.

## See toxicological information (Section 11)

## SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : High volume water jet

Specific hazards during fire fighting : Pressurised container: May burst if heated. Flammable aerosols

Hazardous combustion products : Carbon oxides

Special protective equipment for fire-fighters : Use personal protective equipment.

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Specific extinguishing methods : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures : Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.

Environmental precautions : Do not allow contact with soil, surface or ground water.

Methods and materials for containment and cleaning up : Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

**SECTION 7. HANDLING AND STORAGE**

Advice on safe handling : Avoid contact with skin and eyes. Do not puncture. Contents under pressure. Do not breathe dust/ fume/ gas/ mist/ vapors/ spray. Do not get in eyes, on skin, or on clothing. Wash hands thoroughly after handling. Use only with adequate ventilation.

Conditions for safe storage : Keep in a cool, well-ventilated place. Keep out of reach of children. Keep container tightly closed. Store in suitable labeled containers.

Storage temperature : 0 °C to 30 °C

**SECTION 8. EXPOSURE CONTROL/PERSONAL PROTECTION**

**Ingredients with workplace control parameters**

| Ingredients    | CAS-No. | Form of exposure | Permissible concentration | Basis     |
|----------------|---------|------------------|---------------------------|-----------|
| ethanol        | 64-17-5 | TWA              | 1,000 ppm                 | ACGIH     |
|                |         | TWA              | 1,900 mg/m <sup>3</sup>   | NIOSH REL |
|                |         | TWA              | 1,000 ppm                 | OSHA Z1   |
| difluoroethane | 75-37-6 | TWA              | 1,000 ppm                 | WEEL      |
| methanol       | 67-56-1 | TWA              | 200 ppm                   | ACGIH     |
|                |         | STEL             | 250 ppm                   | ACGIH     |
|                |         | TWA              | 200 ppm                   | NIOSH REL |
|                |         | TWA              | 260 mg/m <sup>3</sup>     | NIOSH REL |
|                |         | STEL             | 250 ppm                   | NIOSH REL |
|                |         | STEL             | 325 mg/m <sup>3</sup>     | NIOSH REL |
|                |         | TWA              | 200 ppm                   | OSHA Z1   |
|                |         | TWA              | 260 mg/m <sup>3</sup>     | OSHA Z1   |

Engineering measures : Effective exhaust ventilation system. Maintain air concentrations below occupational exposure standards.

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**Personal protective equipment**

Eye protection : No special protective equipment required.

Hand protection : No special protective equipment required.

Skin protection : No special protective equipment required.

Respiratory protection : No personal respiratory protective equipment normally required.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : aerosol

Color : clear, colorless

Odor : citrus

pH : 9.5 - 10.5, 100 %

Flash point : Not applicable. Sustains combustion

Odor Threshold : No data available

Melting point/freezing point : No data available

Initial boiling point and boiling range : No data available

Evaporation rate : No data available

Flammability (solid, gas) : No data available

Upper explosion limit : No data available

Lower explosion limit : No data available

Vapor pressure : No data available

Relative vapor density : No data available

Relative density : 0.86 - C.88

Water solubility : No data available

Solubility in other solvents : No data available

Partition coefficient: n-octanol/water : No data available

Autoflammability temperature : No data available

Thermal decomposition : No data available

Viscosity, kinematic : No data available

Explosive properties : No data available

Oxidizing properties : No data available

Molecular weight : No data available

VOC : No data available

Heat of combustion : 12.34 kJ/g

**SAFETY DATA SHEET****ASEPTI-STERYL DISINFECTANT****SECTION 10. STABILITY AND REACTIVITY**

- Chemical stability : Stable under normal conditions.
- Possibility of hazardous reactions : No dangerous reaction known under conditions of normal use.
- Conditions to avoid : None known.
- Incompatible materials : None known.
- Hazardous decomposition products : Carbon oxides

**SECTION 11. TOXICOLOGICAL INFORMATION**

- Information on likely routes of exposure : Eye contact  
Skin contact
- Potential Health Effects**
- Eyes : Causes eye irritation.
- Skin : Harmful in contact with skin. May cause allergic skin reaction. May cause numbness, weakness, shooting pain in stomach and/or extremities, and blindness.
- Ingestion : May cause numbness, weakness, shooting pain in stomach and/or extremities, and blindness.
- Inhalation : May cause numbness, weakness, shooting pain in stomach and/or extremities, and blindness. High vapor concentrations can cause headaches, dizziness, drowsiness, and nausea and may lead to unconsciousness.
- Chronic Exposure : Health injures are not known or expected under normal use.
- Experience with human exposure**
- Eye contact : Redness, Pain, Irritation
- Skin contact : Redness, Irritation, Allergic reactions
- Ingestion : No symptoms known or expected.
- Inhalation : Respiratory irritation, Cough
- Toxicity**
- Acute oral toxicity : No data available
- Acute inhalation toxicity : 4 h Acute toxicity estimate : > 10 mg/l
- Acute dermal toxicity : No data available
- Skin corrosion/irritation : No data available

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- Serious eye damage/eye irritation : No data available
- Respiratory or skin sensitization : No data available
- Carcinogenicity
- IARC : No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
- OSHA : No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
- NTP : No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
- Reproductive effects : No data available
- Germ cell mutagenicity : No data available
- Teratogenicity : No data available
- STOT-single exposure : No data available
- STOT-repeated exposure : No data available
- Aspiration toxicity : No data available
- Ingredients**
- Acute oral toxicity : Orthophenylphenol  
LD50 Rat: 2,733 mg/kg  
ethanol  
LD50 Rat: 10,470 mg/kg
- Acute dermal toxicity : Para-tertiary Amylphenol  
LD50 Rabbit: 1,925 mg/kg  
ethanol  
LD50 Rabbit: 15,800 mg/kg
- Ingredients**
- Toxicity to fish : No data available
- Toxicity to daphnia and other aquatic invertebrates : No data available
- Toxicity to algae : No data available
- Ingredients**
- Toxicity to fish : Para-tertiary Amylphenol  
96 h LC50: 2.5 mg/l  
ethanol

**SECTION 12. ECOLOGICAL INFORMATION**

- Ecotoxicity**
- Environmental Effects : This product has no known ecotoxicological effects.
- Product**
- Toxicity to fish : No data available
- Toxicity to daphnia and other aquatic invertebrates : No data available
- Toxicity to algae : No data available
- Ingredients**
- Toxicity to fish : Para-tertiary Amylphenol  
96 h LC50: 2.5 mg/l  
ethanol

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96 h LC50 Fish: 11,000 mg/l  
 methanol  
 96 h LC50: 15,400 mg/l

**Ingredients**

Toxicity to daphnia and other aquatic invertebrates : Orthophenylphenol  
 48 h EC50: 2 mg/l

methanol  
 48 h EC50: > 10,000 mg/l

**Ingredients**

Toxicity to algae : methanol  
 72 h EC50: 22,000 mg/l

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Other adverse effects**

No data available

**SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal methods** : Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.

**Disposal considerations** : Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

**RCRA - Resource Conservation and Recovery Act/Hazardous waste** : D001 (Ignitable)

**SECTION 14. TRANSPORT INFORMATION**

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

**Land transport (DOT)**

UN number : 1950  
 Description of the goods : Aerosol, flammable  
 Class : 2.1  
 Environmentally hazardous : no

**Sea transport (IMDG/MO)**

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UN number : 1950  
 Description of the goods : Aerosol flammable  
 Class : 2.1  
 Marine pollutant : no

**SECTION 15. REGULATORY INFORMATION**

**EPA Registration number** : 706-69-1677

**EPCRA - Emergency Planning and Community Right-to-Know**

**CERCLA Reportable Quantity**

| Ingredients | CAS-No. | Component RQ (lbs) | Calculated product RQ (lbs) |
|-------------|---------|--------------------|-----------------------------|
| methanol    | 67-56-1 | 5000               | 100000                      |

**SARA 304 Extremely Hazardous Substances Reportable Quantity**

This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312 Hazards**

: Acute Health Hazard  
 Fire Hazard  
 Sudden Release of Pressure Hazard

**SARA 302**

: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313**

: The following components are subject to reporting levels established by SARA Title III, Section 313:  
 methanol 67-56-1 5 %

**California Prop 65**

**WARNING!** This product contains a chemical known in the State of California to cause cancer.

methanol 67-56-1

**The ingredients of this product are reported in the following inventories:**

**1907/2006 (EU)** : not determined

**Switzerland. New notified substances and declared preparations** : The mixture contains substances listed on the Swiss Inventory On the inventory, or in compliance with the inventory

**United States TSCA Inventory** :

On TSCA Inventory

**Canadian Domestic Substances List (DSL)** :

All components of this product are on the Canadian DSL.

**Australia Inventory of Chemical Substances (AICS)** :

On the inventory, or in compliance with the inventory

**New Zealand. Inventory of Chemical Substances** :

On the inventory, or in compliance with the inventory

**Japan. ENCS - Existing and New Chemical Substances Inventory** :

not determined

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Japan, ISHL - Inventory of Chemical Substances (METI) :

On the inventory, or in compliance with the inventory

Korea, Korean Existing Chemicals Inventory (KECI) :

On the inventory, or in compliance with the inventory

Philippines Inventory of Chemicals and Chemical Substances (PICCS) :

On the inventory, or in compliance with the inventory

China, Inventory of Existing Chemical Substances In China (IECCS) :

On the inventory, or in compliance with the inventory

**SECTION 16. OTHER INFORMATION**

**NFPA:**

Flammability

**HMIS III:**



|                        |           |
|------------------------|-----------|
| <b>HEALTH</b>          | <b>2*</b> |
| <b>FLAMMABILITY</b>    | <b>3</b>  |
| <b>PHYSICAL HAZARD</b> | <b>2</b>  |

0 = not significant, 1 = Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

Special hazard.

Issuing date : 08/21/2014  
Version : 1.0  
Prepared by : Regulatory Affairs

**REVISED INFORMATION:** Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

