

Material Safety Data Sheet

ECOLAB®

ASEPTICARE

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Section 1. Chemical product and company identification

Trade name : ASEPTICARE
 Product use : Disinfectant.
 Supplier : Airkem Professional Products Division of Ecolab Inc.
 370 N. Wabasha St.
 St. Paul, MN 55102
 1-800-332-6522
 Code : 975524
 Date of issue : 23-March-2010
 EPA Registration No. : 42964-17

EMERGENCY HEALTH INFORMATION: 1-800-328-0026
 Outside United States and Canada CALL 1-651-222-5352 (in USA)

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Section 2. Hazards identification

Physical state : Liquid. [Aerosol.]
 Emergency overview : WARNING !

FLAMMABLE AEROSOLS
CAUSES EYE AND SKIN IRRITATION.
CONTENTS UNDER PRESSURE.
 Can cause central nervous system (CNS) depression.
 Intentional misuse by deliberate inhalation may be harmful or fatal.
 Avoid contact with eyes, skin and clothing. Keep away from heat, sparks and flame. Avoid all possible sources of ignition (spark or flame). Keep away from heat and direct sunlight. Do not puncture, incinerate or store the container at temperatures above 49°C (120°F) or in direct sunlight. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

Potential acute health effects

Eyes : Irritating to eyes.
Skin : Irritating to skin.
Inhalation : High vapor concentrations can cause headaches, dizziness, drowsiness and nausea and may lead to unconsciousness.
Ingestion : May be harmful if swallowed. Ingestion may cause nausea, weakness and central nervous system effects.

See toxicological information (section 11)

Section 3. Composition/information on ingredients

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
ALCOHOL	64-17-5	>50
HYDROFLUOROCARBON 152A	75-37-6	20 - 50
quaternary ammonium compounds, benzyl-c12-18-alkyldimethyl, chlorides	68391-01-5	.15
quaternary ammonium compounds, c12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides	85409-23-0	.15

Section 4. First aid measures

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- 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** : In case of contact, immediately flush skin with plenty of water. Continue to rinse for at least 10 minutes. Remove contaminated clothing and shoes. Get medical attention if irritation persists. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Inhalation** : If inhaled, remove to fresh air.
- Ingestion** : Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire-fighting measures

- Flash point** : 27.2222 °C (Closed cup)
- Hazardous thermal decomposition products** : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
halogenated compounds
carbonyl halides

- Fire-fighting media and instructions** : Use an extinguishing agent suitable for the surrounding fire.

Use water spray to keep fire-exposed containers cool. Containers may explode when heated. Ruptured cylinders may rocket. Dike area of fire to prevent runoff. Flammable aerosol. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion. Bursting aerosol containers may be propelled from a fire at high speed. 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** : Use suitable protective equipment (section 8). Do not allow to enter drains or watercourses.
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
- Methods for cleaning up** : Absorb with an inert material and place in an appropriate waste disposal container.

Section 7. Handling and storage

- Handling** : Avoid contact with eyes, skin and clothing. Keep away from heat, sparks and flame. To avoid fire, eliminate ignition sources. Liquid and vapor under pressure. Do not puncture or incinerate container. Use only with adequate ventilation. Wash thoroughly after handling.
- Storage** : Keep out of reach of children. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Do not puncture or incinerate container. Avoid all possible sources of ignition (spark or flame).
Do not store above the following temperature: 50°C

Section 8. Exposure controls/personal protection

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Engineering measures : Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits.

Personal protection :

Eyes : Wear eye protection.
Hands : For prolonged or repeated handling, use the following type of gloves: 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**Exposure limits**

ALCOHOL

ACGIH TLV (United States, 1/2009).

STEL: 1000 ppm 15 minute(s).

OSHA PEL (United States, 11/2006).TWA: 1900 mg/m³ 8 hour(s).

TWA: 1000 ppm 8 hour(s).

HYDROFLUOROCARBON 152A

AIHA WEEL (United States, 1/2009).

TWA: 1000 ppm 8 hour(s).

Section 9. Physical and chemical properties

Physical state : Liquid. [Aerosol.]
Color : Colorless to light yellow.
Odor : Floral.
pH : 10.5 [Conc. (% w/w): 100%]
Relative density : 0.845

Section 10. Stability and reactivity

Stability : The product is stable. Under normal conditions of storage and use, hazardous polymerization will not occur.
Reactivity : Slightly reactive or incompatible with the following materials: acids.
Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Hazardous polymerization : Under normal conditions of storage and use, hazardous polymerization will not occur.

Section 11. Toxicological information**Potential acute health effects**

Eyes : Irritating to eyes.
Skin : Irritating to skin.
Inhalation : High vapor concentrations can cause headaches, dizziness, drowsiness and nausea and may lead to unconsciousness.
Ingestion : May be harmful if swallowed. Ingestion may cause nausea, weakness and central nervous system effects.

Potential chronic health effects**Other adverse effects**

Target organs : Contains material which may cause damage to the following organs: upper respiratory tract, central nervous system (CNS).

Section 12. Ecological information

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Ecotoxicity data : Not reported

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

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

UN Classification

UN number : UN1950
 Proper shipping name : AEROSOLS
 Class : 2.1
 Packing group : -

Additional information : Limited quantity

See shipping documents for specific transportation information.

Section 15. Regulatory information

HCS Classification : Flammable aerosol
 Irritating material
 Target organ effects

U.S. Federal regulations

TSCA 8(b) inventory : All components are listed or exempted.

EPA Registration No. : 42964-17

SARA 302/304/311/312 extremely hazardous substances: No products were found.

SARA 302/304 emergency planning and notification: No products were found.

California Prop. 65 : No products were found.

Section 16. Other information

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

Health	*	2
Flammability		2
Physical hazards		0

Date of issue : 23-March-2010.

Responsible name : Regulatory Affairs

Date of previous issue : 25-February-2009.

Notice to reader

Section 16. Other information

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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.