

Material Safety Data Sheet

ASEPTICARE

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1. Product and company identification

Trade name of product : ASEPTICARE
 Product use : disinfectant

Product dilution information : Not applicable

Supplier's information : Airkem Professional Products Division of Ecolab Inc.
 370 N. Wabasha St.
 St. Paul, MN 55102
 1-800-332-6522

Code : 975524
 Date of issue : 09-July-2012
 EPA Registration No. : 42964-17

3136

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

2. Hazards identification

Physical state : Aerosol
 Product AS SOLD

Emergency overview : WARNING!

FLAMMABLE AEROSOLS.
 CAUSES EYE AND SKIN IRRITATION.
 MAY BE HARMFUL IF SWALLOWED.
 CONTENTS UNDER PRESSURE.
 Can cause central nervous system (CNS) depression.
 Intentional misuse by deliberate inhalation may be harmful or fatal.

Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapors, spray or mists. Keep away from heat, sparks and 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 tightly closed. Use only with adequate ventilation. Wash thoroughly after handling.

Product AT USE DILUTION
 Data not available - Refer to Product AS SOLD

Potential acute health effects

Eyes : Irritating to eyes.
 Product AS SOLD

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.

Product AT USE DILUTION
 Data not available - Refer to Product AS SOLD

See toxicological information (Section 11)

3. Composition/information on ingredients

Product AS SOLD

| Name | CAS number | % by weight |
|---|------------|-------------|
| n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chlorides | 68391-01-5 | 0.15 |
| n-Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chlorides | 85409-23-0 | 0.15 |
| ethanol | 64-17-5 | 62.74 |
| HYDROFLUOROCARBON 152A | 75-37-6 | 20 - 50 |

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Product AT USE DILUTION

| Name | CAS number | % by weight |
|---|------------|-------------|
| Data not available - Refer to Product AS SOLD | | |

4. First aid measures

| | Product AS SOLD | Product AT USE DILUTION |
|---------------------|---|---|
| Eye contact | : In case of contact, immediately flush eyes with plenty of water. Remove contact lenses and flush again. Get medical attention if irritation persists. | Data not available - Refer to Product AS SOLD |
| Skin contact | : In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if irritation persists. Wash clothing before reuse. Clean shoes thoroughly before reuse. | |
| Inhalation | : Remove to fresh air. If not breathing, give artificial respiration. Get medical attention. | |
| Ingestion | : Rinse mouth; then drink one or two large glasses of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately. | |

5. Fire-fighting measures

Product AS SOLD

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.

6. Accidental release measures

Product AS SOLD

Personal precautions : Use personal protective equipment as required.

Environmental precautions : Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.

Methods for cleaning up : If emergency personnel are not present, contain and collect small spillages with non-combustible absorbent material, e.g. sand, earth or other suitable material and place in a suitable container for disposal. Use a water rinse for final clean-up.

Product AT USE DILUTION
Data not available - Refer to Product AS SOLD

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7. Handling and storage

Product AS SOLD

Handling : Do not ingest. 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. Store in a closed container. 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

Product AT USE DILUTION
Data not available - Refer to Product AS SOLD

8. Exposure controls/personal protection

Product AS SOLD

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.

Product AT USE DILUTION
Data not available - Refer to Product AS SOLD

Personal protection

Eyes : Safety eyewear should be used when there is a likelihood of exposure.

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 : No special protection is required.

Data not available - Refer to Product AS SOLD

| Ingredient | Exposure limits |
|------------|---|
| ALCOHOL | ACGIH TLV (United States, 2/2010). STEL: 1000 ppm 15 minute(s). OSHA PEL (United States, 6/2010). TWA: 1900 mg/m ³ 8 hour(s). TWA: 1000 ppm 8 hour(s). NIOSH REL (United States, 6/2009). TWA: 1000 ppm 10 hour(s). TWA: 1900 mg/m ³ 10 hour(s). |

8. Exposure controls/personal protection

HYDROFLUOROCARBON 152A

AIHA WEEL (United States, 5/2010).
TWA: 1000 ppm 8 hour(s).

9. Physical and chemical properties

Product AS SOLD
 Physical state : Aerosol
 Flash point : 13 °C (Closed cup)
 Color : Colorless to light yellow
 Odor : Floral
 pH : 11 to 12.5 [Conc. (% w/w): 100%]
 Relative density : 0.845

Product AT USE DILUTION
 Data not available - Refer to Product AS SOLD

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10. Stability and reactivity

Product AS SOLD

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.

11. Toxicological information

Potential acute health effects

Product AS SOLD
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.

Product AT USE DILUTION
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Product AS SOLD

Other adverse effects

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

12. Ecological information

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Ecotoxicity : Not reported

13. Disposal considerations

Product AS SOLD
Waste disposal : Avoid disposal. Attempt to use product completely in accordance with intended use. Disposal should be in accordance with applicable regional, national and local laws and regulations.
RCRA classification : Unused product is D002 (Corrosive)
 Unused product is D001 (Ignitable)

Product AT USE DILUTION
 Data not available - Refer to Product AS SOLD

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.

Product AS SOLD
DOT
 DOT Classification UN1950
 DOT Proper shipping name Aerosols
 Class 2.1
 Packing group -
IMO/IMDG
 IMO/IMDG Classification UN1950
 IMO/IMDG Proper shipping name AEROSOLS
 Class 2.1
 Packing group -

For transport in bulk, see shipping documents for specific transportation information.

15. Regulatory information

Product AS SOLD
HCS Classification : Flammable aerosol
 Irritating material
 Target organ effects

Product AT USE DILUTION
 Data not available - Refer to Product AS SOLD

Product AS SOLD
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 listed substance
 SARA 302/304 emergency planning and notification: No listed substance

| <u>SARA 313</u> | <u>Product name</u> | <u>CAS number</u> | <u>Concentration</u> |
|---------------------------------|-----------------------|-------------------|----------------------|
| Form R - Reporting requirements | : No listed substance | | |
| <u>California Prop. 65</u> | : No listed substance | | |

16. Other information

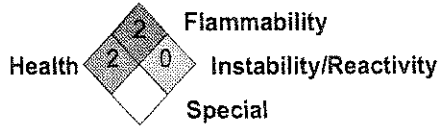
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Product AS SOLD

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

| | | |
|------------------|---|---|
| Health | * | 2 |
| Flammability | | 2 |
| Physical hazards | | 0 |

National Fire Protection Association (U.S.A.) :



NFPA Aerosol Level : Level 1

Date of issue : 09-July-2012
 Responsible name : Regulatory Affairs
 1-800-352-5326

Indicates information that has changed from previously issued version.

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.

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