

ASEPTICARE

Section 1. Chemical product and company identification

Product name : ASEPTICARE
Recommended use and restrictions : disinfectant
 Use only for the purpose on the product label.

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 : **10 Oct 2013**
EPA Registration No. : 42964-17

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

Section 2. Hazards identification

GHS Classification : **Product AS SOLD**
 : FLAMMABLE AEROSOLS - Category 2
 GASES UNDER PRESSURE - Compressed gas
 ACUTE TOXICITY: ORAL - Category 4
 SKIN CORROSION/IRRITATION - Category 2
 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A

GHS label elements

Signal word : Warning

Symbol :

Hazard statements : Flammable aerosol.
 Contains gas under pressure; may explode if heated.
 Harmful if swallowed.
 Causes serious eye irritation.
 Causes skin irritation.

Precautionary statements

Prevention : Wear protective gloves. Wear eye or face protection. Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
 Pressurized container: Do not pierce or burn, even after use. Wash hands thoroughly after handling.

Response :

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

Section 2. Hazards identification

IF SWALLOWED: Call a POISON CENTER or physician if you feel unwell. Rinse mouth. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

- Storage** : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Store in a well-ventilated place.
- Disposal** : See section 13 for waste disposal information.
- Other hazards** : None known.

Section 3. Composition/information on ingredients

Substance/mixture : Mixture

Product AS SOLD

Hazardous ingredients	Concentration Range (%)	CAS number
n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chlorides	0.15	68391-01-5
n-Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chlorides	0.15	85409-23-0
ethanol	62.74	64-17-5

Product AT USE DILUTION

Hazardous ingredients	Concentration Range (%)	CAS number
Data not available - Refer to Product AS SOLD		

Section 4. First aid measures

- Product AS SOLD**
- Eye contact** : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.
 - Skin contact** : Take off contaminated clothing. Wash with plenty of soap and water. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists. Wash clothing before reuse.
 - Inhalation** : If inhaled, remove to fresh air. If not breathing, give artificial respiration. Get medical attention immediately.
 - Ingestion** : Call medical doctor or poison control center immediately. Rinse mouth. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

Product AT USE DILUTION

Data not available - Refer to Product AS SOLD

Section 4. First aid measures

- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.
- Notes to physician** : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

See toxicological information (section 11)

Section 5. Fire-fighting measures

Product AS SOLD

- Suitable fire extinguishing media** : Use water spray, fog or foam.
- Specific hazards arising from the chemical** : 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.
- Hazardous thermal decomposition products** : Decomposition products may include the following materials:
 carbon dioxide
 carbon monoxide
 halogenated compounds
 carbonyl halides
- Specific fire-fighting methods** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
- 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

	Product AS SOLD	Product AT USE DILUTION
Personal precautions	: Use personal protective equipment as required.	Data not available - Refer to Product AS SOLD
Environmental precautions	: Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.	
Methods for cleaning up	: Use a water rinse for final clean-up.	

Section 7. Handling and storage

	Product AS SOLD	Product AT USE DILUTION
Handling	: Do not ingest. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Store and use away from heat, sparks, open flame or any other ignition source. Liquid and vapor under pressure. Do not puncture, incinerate or store the container at temperatures above 49°C (120°F) or in direct sunlight. Use only with adequate ventilation. Wash thoroughly after handling.	Data not available - Refer to Product AS SOLD
Storage	: Keep out of reach of children. Keep container tightly closed. Keep container tightly closed and sealed until ready for use. Keep container in a cool, well-ventilated area. Avoid all possible sources of ignition (spark or flame). Do not puncture or incinerate container.	

Section 7. Handling and storage

Store between the following temperatures: 5 and 45°C

Section 8. Exposure controls/personal protection

Control parameters

Ingredient name	Exposure limits
ALCOHOL	ACGIH TLV (United States, 3/2012). STEL: 1000 ppm 15 minutes. OSHA PEL (United States, 6/2010). TWA: 1900 mg/m ³ 8 hours. TWA: 1000 ppm 8 hours. NIOSH REL (United States, 6/2009). TWA: 1000 ppm 10 hours. TWA: 1900 mg/m ³ 10 hours.
HYDROFLUOROCARBON 152A	AIHA WEEL (United States, 10/2011). TWA: 1000 ppm 8 hours.

	Product AS SOLD	Product AT USE DILUTION
Appropriate engineering controls	: 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.	Data not available - Refer to Product AS SOLD
Personal protection		
Eye protection	: Wear eye protection.	
Hand protection	: Use chemical-resistant, impervious gloves.	
Skin protection	: No protective equipment is needed under normal use conditions.	
Respiratory protection	: A respirator is not needed under normal and intended conditions of product use.	
Hygiene measures	: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.	

Section 9. Physical and chemical properties

	Product AS SOLD	Product AT USE DILUTION
Physical state	: Aerosol	Data not available - Refer to Product AS SOLD
Color	: Colorless to light yellow	
Odor	: Floral	
pH	: 11 to 12.5 (100%)	
Flash point	: Not applicable.	

Section 9. Physical and chemical properties

Explosion limits	: Not available.
Flammability (solid, gas)	: Not available.
Melting point	: Not available.
Boiling point	: Not available.
Evaporation rate (butyl acetate = 1)	: Not available.
Vapor pressure	: Not available.
Vapor density	: Not available.
Relative density	: 0.845 (Water = 1)
Solubility	: Not available.
Partition coefficient: n-octanol/water	: Not available.
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
Odor threshold	: Not available.
Viscosity	: Not available.

Aerosol product

Type of aerosol	: Spray
Heat of combustion	: 16.91 kJ/g
Ignition distance	: Not available.
Flame height	: Not available.
Flame duration	: Not available.

Section 10. Stability and reactivity

Product AS SOLD

Stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: Avoid all possible sources of ignition (spark or flame).
Materials to avoid	: 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.

Section 11. Toxicological information

Route of exposure : Skin contact, Eye contact, Inhalation, Ingestion

Product AS SOLD

Symptoms

Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness
Skin contact	: Adverse symptoms may include the following: irritation redness
Inhalation	:

Product AT USE DILUTION

Data not available - Refer to Product AS SOLD

Section 11. Toxicological information

Adverse symptoms may include the following:
respiratory tract irritation
coughing

Ingestion : No specific data.

Acute toxicity

Eye contact : Causes serious eye irritation.

Skin contact : Causes skin irritation.

Inhalation : No known significant effects or critical hazards.

Ingestion : Harmful if swallowed.

Toxicity data

Product/ingredient name

ethanol	LC50 Inhalation Vapor	Rat	117 mg/l
	LD50 Dermal	Rabbit	15800 mg/kg
	LD50 Oral	Rat	10470 mg/kg
difluoroethane	LC50 Inhalation Gas.	Rat	>437500 ppm

Chronic toxicity

Carcinogenicity : No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards.

Teratogenicity : No known significant effects or critical hazards.

Developmental effects : No known significant effects or critical hazards.

Fertility effects : No known significant effects or critical hazards.

Section 12. Ecological information

Product AS SOLD

Ecotoxicity : No known significant effects or critical hazards.

Aquatic and terrestrial toxicity

Product/ingredient name	Result	Species	Exposure
Not available.			

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Product AS SOLD

Disposal methods : 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. Do not puncture or incinerate container. Discard empty container in trash.

RCRA classification : Unused product is D002 (Corrosive)

Product AT USE DILUTION

Data not available - Refer to Product AS SOLD

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.

DOT

DOT Classification UN1950
 DOT Proper shipping name Aerosols, flammable
 Class 2.1
 Packing group -

IMO/IMDG

IMO/IMDG Classification UN1950
 IMO/IMDG Proper shipping name AEROSOLS, FLAMMABLE
 Class 2.1
 Packing group -

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

Product AT USE DILUTION

Not intended for transport.

Section 15. Regulatory information

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>
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Form R - Reporting requirements	: No listed substance		
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California Prop. 65 : No listed substance

Section 16. Other information

Product AS SOLD

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

Health	*	2
Flammability		2
Physical hazards		0

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

Section 16. Other information



NFPA Aerosol Level : Level 1

Date of issue : 10 Oct 2013

Prepared by : Regulatory Affairs
1-800-352-5326

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.**