

Material Safety Data Sheet

VIRASEPT



1. Product and company identification

Trade name of product : VIRASEPT

Product use : disinfectant

Product dilution information : Not applicable

Supplier's information : Ecolab Healthcare Division
370 Wabasha Street N
St. Paul MN 55102
5105 Tomken Road
Mississauga ON L4W 2X5
1-866-781-8787

Code : 913272

Date of issue : 14-September-2010

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

2. Hazards identification

Product AS SOLD

Physical state : Liquid.

Emergency overview : DANGER !

Direct contact with the eyes can cause irreversible damage, including blindness.
MAY CAUSE EYE IRRITATION.

Do not get in eyes. Avoid prolonged or repeated contact with skin. Wash thoroughly after handling.

Routes of entry : Skin contact, Eye contact, Inhalation, Ingestion

Potential acute health effects

Product AS SOLD

Eyes : Direct contact with the eyes can cause irreversible damage, including blindness. Moderately irritating to eyes.

Skin : Slightly irritating to the skin.

Inhalation : Slightly irritating to the respiratory system.

Ingestion : No known significant effects or critical hazards.

See toxicological information (section 11)

Product AT USE DILUTION

Product is sold ready to use.

Product AT USE DILUTION

Product is sold ready to use.

3. Composition/information on ingredients

Product AS SOLD

Name

ACETIC ACID
HYDROGEN PEROXIDE
Octanoic acid
Peracetic acid

CAS number

64-19-7
7722-84-1
124-07-2
79-21-0

% by weight

1 - 5
3.130
0.099
0.050

3. Composition/information on ingredients

Product AT USE DILUTION**Name**

Product is sold ready to use.

CAS number**% by weight**

4. First-aid measures

Product AS SOLD

- 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 immediately.
- Skin contact** : Rinse with water for a few minutes.
- Inhalation** : No special measures required. Treat symptomatically.
- Ingestion** : Get medical attention if symptoms occur.

Product AT USE DILUTION

Product is sold ready to use.

5. Fire-fighting measures

Product AS SOLD

- Auto-ignition temperature** : Not available.
- Flammable limits** : Not available.
- Hazardous thermal decomposition products** : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
- Special remarks on fire hazards** : Not available.
- Special remarks on explosion hazards** : Not available.
- Fire-fighting media and instructions** : Use an extinguishing agent suitable for the surrounding fire.

Dyke area of fire to prevent runoff.
In a fire or if heated, a pressure increase will occur and the container may burst.
- 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 spilt material and runoff with soil and surface waterways.
- Methods for cleaning up** : Use a water rinse for final clean-up.

Product AT USE DILUTION

Product is sold ready to use.

7. Handling and storage

Product AS SOLD

- Handling** : Do not get in eyes. Avoid prolonged or repeated contact with skin. Wash thoroughly after handling.
- Storage** : Keep out of reach of children. Store in a closed container. Keep container tightly closed.
Do not store above the following temperature: 35°C

Product AT USE DILUTION

Product is sold ready to use.

8. Exposure controls/personal protection

Engineering measures : Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapour 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. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.

Personal protection

Eyes : Use chemical splash goggles. For continued or severe exposure wear a face shield over the goggles.

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.

Product AT USE DILUTION

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Occupational exposure limits		TWA (8 hours)			STEL (15 mins)			Ceiling			
Ingredient	List name	ppm	mg/m ³	Other	ppm	mg/m ³	Other	ppm	mg/m ³	Other	Notations
Hydrogen peroxide	US ACGIH 1/2009	1	1.4	-	-	-	-	-	-	-	[3]
	AB 4/2009	1	1.4	-	-	-	-	-	-	-	
	BC 10/2009	1	-	-	-	-	-	-	-	-	
	ON 8/2008	1	1.4	-	-	-	-	-	-	-	
	QC 6/2008	1	1.4	-	-	-	-	-	-	-	
	US ACGIH 1/2009	10	25	-	15	37	-	-	-	-	
	AB 4/2009	10	25	-	15	37	-	-	-	-	
	BC 10/2009	10	-	-	15	-	-	-	-	-	
	ON 8/2008	10	25	-	15	37	-	-	-	-	
	QC 6/2008	10	25	-	15	37	-	-	-	-	
acetic acid	US ACGIH 1/2009	10	25	-	15	37	-	-	-	-	[3]
	AB 4/2009	10	25	-	15	37	-	-	-	-	
	BC 10/2009	10	-	-	15	-	-	-	-	-	
	ON 8/2008	10	25	-	15	37	-	-	-	-	
	QC 6/2008	10	25	-	15	37	-	-	-	-	
	US ACGIH 1/2009	10	25	-	15	37	-	-	-	-	

[3]Skin sensitisation

9. Physical and chemical properties

Physical state : Liquid.

Flash point : > 100°C
Product does not support combustion.

Colour : Colourless to light yellow.

Odour : Pungent.

pH : 2.5 to 3.5 [Conc. (% w/w): 100%]

Boiling/condensation point : Not available.

Melting/freezing point : Not available.

Relative density : 1 to 1.02

Vapour pressure : Not available.

Vapour density : Not available.

Odour threshold : Not available.

Evaporation rate : Not available.

Viscosity : Not available.

Dispersibility properties : Not available.

Solubility : Not available.

LogK_{ow} : Not available.

Product AT USE DILUTION

Product is sold ready to use.

10. Stability and reactivity

Product AS SOLD

- Stability** : The product is stable. Under normal conditions of storage and use, hazardous polymerisation will not occur.
- Conditions of instability** : Not available.
- Reactivity** : Slightly reactive or incompatible with the following materials: metals and alkalis.
- Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- Hazardous polymerisation** : Under normal conditions of storage and use, hazardous polymerisation will not occur.

11. Toxicological information

Potential acute health effects

- Product AS SOLD**
- Eyes** : Direct contact with the eyes can cause irreversible damage, including blindness. Moderately irritating to eyes.
- Skin** : Slightly irritating to the skin.
- Inhalation** : Slightly irritating to the respiratory system.
- Ingestion** : No known significant effects or critical hazards.

Product AT USE DILUTION

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Product AS SOLD

Potential chronic health effects

- Carcinogenic effects** : No known significant effects or critical hazards.
- Mutagenic effects** : No known significant effects or critical hazards.
- Teratogenic effects** : No known significant effects or critical hazards.
- Reproductive effects** : No known significant effects or critical hazards.
- Sensitization to Product** : No known significant effects or critical hazards.
- Synergistic products (toxicologically)** : Not available.

Toxicity data

Product/ingredient name	Test	Route	Result	Species
Hydrogen peroxide	LD50	Oral	500 mg/kg	Rat
acetic acid	LD50	Dermal	1060 mg/kg	Rabbit
	LD50	Dermal	1060 uL/kg	Rabbit
	LD50	Oral	4960 mg/kg	Mouse
	LD50	Oral	3310 mg/kg	Rat
	LC50	Inhalation	11400 mg/m3	Rat

Other adverse effects

- Target organs** : Contains material which may cause damage to the following organs: upper respiratory tract, teeth.

12. Ecological information

- 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.

Product AT USE DILUTION

Product is sold ready to use.

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

IMO/IMDG Classification Not regulated.

See shipping documents for specific transportation information.

15. Regulatory information

Product AS SOLD

Product AT USE DILUTION

WHMIS : Not controlled under WHMIS.
DIN: 02318938

Product is sold ready to use.

Canada inventory : At least one component is not listed in DSL but all such components are listed in NDSL.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

16. Other information

Product AS SOLD

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

Health	*	3
Flammability		0
Physical hazards		0

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



Date of issue : 14-September-2010

Date of previous issue : 14 September 2010

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.