

Material Safety Data Sheet

COOLINGCARE 8466



1. Product and company identification

Trade name of product : COOLINGCARE 8466

Product use : Corrosion inhibitor.

Product dilution information : Not applicable

Supplier's information : Ecolab Inc. Water Care Division
370 N. Wabasha Street
St. Paul, MN 55102
1-800-75-WATER

Code : 911548

Date of issue : 15-September-2011

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 !

CAUSES EYE BURNS.
CAUSES SKIN IRRITATION.
MAY CAUSE RESPIRATORY TRACT IRRITATION.

Do not get in eyes. Avoid contact with skin and clothing. Avoid breathing vapors, spray or mists. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

Product AT USE DILUTION

Product is sold ready to use.

Potential acute health effects

Product AS SOLD

Eyes : Corrosive to eyes.

Skin : Severely irritating to the skin.

Inhalation : Moderately 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.

3. Composition/information on ingredients

Product AS SOLD

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
1,2,4-butanetricarboxylic acid, 2-phosphono-hydroxyphosphonoacetic acid	37971-36-1	5 - 20
2-propenoic acid, ethyl ester, polymer with ethenyl acetate and 2,5-furandione, hydrolyzed	23783-26-8	5 - 20
1h-benzotriazole, 4(or 5)-methyl-, sodium salt	113221-69-5	1 - 5
	64665-57-2	1 - 5

Product AT USE DILUTION

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
Product is sold ready to use.		

3. Composition/information on ingredients

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	: In case of contact, immediately flush skin with plenty of water. Continue to rinse for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Inhalation	: If inhaled, remove to fresh air.
Ingestion	: Get medical attention if symptoms occur.

Product AT USE DILUTION
Product is sold ready to use.

5. Fire-fighting measures

Product AS SOLD

Hazardous thermal decomposition products : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
nitrogen oxides
phosphorus oxides
metal oxide/oxides

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

Dike 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 spilled 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 ingest. Do not get in eyes, on skin or on clothing. Keep container closed. Do not mix with bleach or other chlorinated products - will cause chlorine gas. Use only with adequate ventilation. Avoid breathing vapor or mist. Wash thoroughly after handling.
Storage	: Keep out of reach of children. Store in a closed container. Keep container tightly closed. Store between the following temperatures: 0 and 50°C

Product AT USE DILUTION
Product is sold ready to use.

8. Exposure controls/personal protection

Engineering measures : **Product AS SOLD**
 : 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. 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 : Use chemical-resistant, impervious gloves.
Skin : Wear suitable protective clothing.
Respiratory : Avoid breathing vapors, spray or mists.

Consult local authorities for acceptable exposure limits.

Product AT USE DILUTION

Product is sold ready to use.

Product is sold ready to use.

9. Physical and chemical properties

Physical state : **Product AS SOLD**
 : Liquid.
Flash point : > 100°C
 Product does not support combustion.
Color : Amber
Odor : Faint odor
pH : 2 [Conc. (% w/w): 100%]
Boiling/condensation point : >100°C (>212°F)
Relative density : 1.09 to 1.11
Dispersibility properties : Easily dispersible in the following materials: cold water and hot water.
Solubility : Easily soluble in the following materials: cold water and hot water.

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 polymerization will not occur.
Reactivity : Reactive or incompatible with the following materials: metals and alkalis. Do not mix with bleach or other chlorinated products - will cause chlorine gas.
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

Eyes : **Product AS SOLD**
 : Corrosive to eyes.
Skin : Severely irritating to the skin.
Inhalation : Moderately irritating to the respiratory system.
Ingestion : No known significant effects or critical hazards.

Product AT USE DILUTION

Product is sold ready to use.

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.
RCRA classification : Unused product is D002 (Corrosive)

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
DOT Classification UN3265
DOT Proper shipping name Corrosive liquid, acidic, organic, n.o.s. (1,2,4-butanetricarboxylic acid, 2-phosphono-, hydroxyphosphonoacetic acid)
Class 8
Packing group III

For transport in bulk or using IMDG regulations, see shipping documents for specific transportation information.

15. Regulatory information

Product AS SOLD
HCS Classification : Corrosive material

Product AT USE DILUTION
 Product is sold ready to use.

Product AS SOLD
U.S. Federal regulations

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

California Prop. 65 : No listed substance

16. Other information

Product AS SOLD
Hazardous Material Information System (U.S.A.) :

Health	3
Flammability	0
Physical hazards	0

:

16. Other information

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



Date of issue : 15-September-2011

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.