

Material Safety Data Sheet



ECOCARE 250

1. Product and company identification

Trade name of product : ECOCARE 250

Product use : Skin antiseptic

Product dilution information : Not applicable

Supplier's information : Ecolab Food and Beverage
5105 Tomken Road
Mississauga ON L4W 2X5
1-800-352-5326

Code : 900059-03

Date of issue : 04-June-2013

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 : WARNING!

May cause mild eye irritation.

Avoid contact with eyes.

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

Potential acute health effects

Product AS SOLD

Eyes : May cause mild eye irritation.

Skin : No known significant effects or critical hazards.

Inhalation : No known significant effects or critical hazards.

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	CAS number	% by weight
TRICLOSAN	3380-34-5	0.3
ALCOHOL	64-17-5	7 - 13
GLYCERIN	56-81-5	5- 10
TETRASODIUM EDTA	64-02-8	0.5 - 1.5

Product AT USE DILUTION

Name	CAS number	% by weight
Product is sold ready to use.		

4. First-aid measures

Product AS SOLD		Product AT USE DILUTION
Eye contact	: Rinse with water for a few minutes.	Product is sold ready to use.
Skin contact	: Get medical attention if symptoms appear.	
Inhalation	: No special measures required. Treat symptomatically.	
Ingestion	: Get medical attention if symptoms occur.	

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 nitrogen oxides metal oxide/oxides
Special remarks on fire hazards	: Not available.
Special remarks on explosion hazards	: Not available.
Fire-fighting media and instructions	: Use dry chemical, CO ₂ , water spray (fog) or foam. Use water spray to keep fire-exposed containers cool. Dyke area of fire to prevent runoff. Combustible liquid. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.
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		Product AT USE DILUTION
Personal precautions	: No special measures required.	Product is sold ready to use.
Environmental precautions	: Avoid contact of large amounts of spilt material and runoff with soil and surface waterways.	
Methods for cleaning up	: Absorb with an inert material. Use a water rinse for final clean-up.	

7. Handling and storage

Product AS SOLD		Product AT USE DILUTION
Handling	: Wash hands after handling.	Product is sold ready to use.
Storage	: Keep out of reach of children. Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Store in a closed container. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame). Store between the following temperatures: -10 and 40°C	

8. Exposure controls/personal protection

Product AS SOLD				Product AT USE DILUTION			
Engineering measures : No special ventilation requirements.				Product is sold ready to use.			
Personal protection							
Eyes : No special protection is required.				Product is sold ready to use.			
Hands : No special protection is required.							
Skin : No special protection is required.							
Respiratory : No special protection is required.							

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
ethanol	US ACGIH 3/2012 AB 4/2009 BC 4/2012 ON 7/2010 QC 9/2011	- 1000 - - 1000	- 1880 - - 1880	- - 1000 1000	1000	-	-	-	-	-	
glycerin	US ACGIH 3/2012 AB 4/2009 BC 4/2012 ON 7/2010 QC 9/2011	- - - - -	10 10 10 3 10	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	[3] [a] [a] [b] [c] [d]	

[3]Skin sensitisation

Form: [a]Mist [b]Respirable mist [c]Inhalable fraction [d]mist

9. Physical and chemical properties

Product AS SOLD		Product AT USE DILUTION	
Physical state : Liquid.		Product is sold ready to use.	
Flash point : 43 °C (Closed cup) Product does not support combustion.			
Colour : Green			
Odour : Faint odour			
pH : 8.9 to 9.2 [Conc. (% w/w): 100%]			
Boiling/condensation point : >100°C (>212°F)			
Melting/freezing point : Not available.			
Relative density : 1.02 to 1.03			
Vapour pressure : Not available.			
Vapour density : Not available.			
Odour threshold : Not available.			
Evaporation rate : Not available.			
Viscosity : Dynamic (room temperature): 1800 mPa·s (1800 cP)			
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.			
LogK_{ow} : Not available.			

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: acids 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 : May cause mild eye irritation.

Skin : No known significant effects or critical hazards.

Inhalation : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

Product AT USE DILUTION

Product is sold ready to use.

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
ethanol	LD50	Dermal	15800 mg/kg	Rabbit
	LD50	Oral	10470 mg/kg	Rat
	LC50	Inhalation	117 mg/l	Rat
acetic acid, (ethylenedinitrilo)tetra-, tetrasodium salt	LD50	Oral	1700 mg/kg	Rat
glycerin	LD50	Dermal	23000 mg/kg	Rabbit
	LD50	Oral	18300 mg/kg	Rat

Other adverse effects

Target organs : There is no known chronic effect after exposure to this product.

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.

16. Other information

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.