

# Material Safety Data Sheet



TRICHLOR-O-CIDE 5600

## Section 1. Chemical product and company identification

**Trade name** : TRICHLOR-O-CIDE 5600  
**Product use** : Sanitizer.  
**Supplier** : Ecolab Inc. Food & Beverage Division  
370 N. Wabasha Street  
St. Paul, MN 55102  
1-800-392-3392  
**Code** : 908726  
**Date of issue** : **02-April-2008**  
**EPA Registration No.** : 1677-225

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

## Section 2. Composition, information on ingredients

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
troclosene sodium, dihydrate	51580-86-0	>50

## Section 3. Hazards identification

**Physical state** : Solid. [Powder.]  
**Emergency overview** : DANGER !  
CAUSES DIGESTIVE TRACT, EYE AND SKIN BURNS.  
CAUSES RESPIRATORY TRACT IRRITATION.  
MAY BE FATAL IF INHALED.  
HARMFUL IF ABSORBED THROUGH SKIN OR IF SWALLOWED.  
OXIDIZER. CONTACT WITH OTHER MATERIAL MAY CAUSE FIRE.  
Do not ingest. Do not get in eyes, on skin or on clothing. Do not breathe dust. Use only with adequate ventilation. Keep only in the original container. Avoid contact with combustible materials. Avoid all possible sources of ignition (spark or flame). Keep away from heat and direct sunlight. Decomposes on heating. Keep container closed. Wash thoroughly after handling.

### Potential acute health effects

**Eyes** : Corrosive to eyes.  
**Skin** : Corrosive to the skin.  
**Inhalation** : Severely irritating to the respiratory system.  
**Ingestion** : Causes burns to mouth, throat and stomach.

See toxicological information (section 11)

## Section 4. First aid measures

**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 for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Clean shoes thoroughly before reuse.

**Inhalation** : If inhaled, remove to fresh air. If exposed person is not breathing, give artificial respiration or oxygen applied by trained personnel. Get medical attention immediately.

**Ingestion** : If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

## Section 5. Fire fighting measures

<b>Flash point</b>	: > 100°C
<b>Hazardous thermal decomposition products</b>	: Decomposition products may include the following materials: carbon oxides nitrogen oxides halogenated compounds metal oxide/oxides
<b>Fire-fighting media and instructions</b>	: Use an extinguishing agent suitable for the surrounding fire.  Use water spray to keep fire-exposed containers cool. Dike area of fire to prevent runoff. Contact with combustible material may cause fire. This material increases the risk of fire and may aid combustion.
<b>Special protective equipment for fire-fighters</b>	: 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

<b>Personal precautions</b>	: Immediately contact emergency personnel. Stop leak if without risk. Eliminate all ignition sources. Use suitable protective equipment. Keep unnecessary personnel away. Do not touch or walk through spilled material.
<b>Environmental precautions</b>	: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
<b>Methods for cleaning up</b>	: If emergency personnel are unavailable, vacuum or carefully scoop up spilled material and place in an appropriate container for disposal. Avoid creating dusty conditions and prevent wind dispersal.

## Section 7. Handling and storage

<b>Handling</b>	: Do not ingest. Do not get in eyes, on skin, or on clothing. Do not breathe dust. Avoid contact with combustible materials. Keep container closed. Keep only in the original container. Use only with adequate ventilation. Wash thoroughly after handling.
<b>Storage</b>	: Keep out of reach of children. Keep container in a cool, well-ventilated area. Keep container tightly closed. Separate from reducing agents and combustible materials. Do not store below the following temperature: 45°C

## Section 8. Exposure controls, personal protection

<b>Engineering measures</b>	: 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.
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### Personal protection :

<b>Eyes</b>	: Use chemical splash goggles. For continued or severe exposure wear a face shield over the goggles.
<b>Hands</b>	: Use chemical-resistant, impervious gloves.
<b>Skin</b>	: Use synthetic apron, other protective equipment as necessary to prevent skin contact.
<b>Respiratory</b>	: Wear appropriate respirator when ventilation is inadequate and occupational exposure limits are exceeded.

<b>Name</b>	<b><u>Exposure limits</u></b>
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chlorine

**ACGIH TLV (United States, 1/2007).**STEL: 2.9 mg/m<sup>3</sup> 15 minute(s).

STEL: 1 ppm 15 minute(s).

TWA: 1.5 mg/m<sup>3</sup> 8 hour(s).

TWA: 0.5 ppm 8 hour(s).

**OSHA PEL (United States, 11/2006).**CEIL: 3 mg/m<sup>3</sup>

CEIL: 1 ppm

**Section 9. Physical and chemical properties**

Physical state : Solid. [Powder.]  
 Color : White.  
 Odor : chlorine  
 pH : 6 to 6.5 [Conc. (% w/w): 1%]  
 Specific gravity : 0.93 to 0.99  
 Solubility : Soluble in cold water, hot water.

**Section 10. Stability and reactivity**

Stability : The product is stable. Decomposes on heating. Under normal conditions of storage and use, hazardous polymerization will not occur.  
 Reactivity : Reactive with organic materials, acids, alkalis.  
 Mixing this product with acid or ammonia releases chlorine gas.  
 Wet material may generate halogenated gas that may pressurize sealed containers.  
 Hazardous decomposition products : Oxygen

**Section 11. Toxicological information****Potential acute health effects**

Eyes : Corrosive to eyes.  
 Skin : Corrosive to the skin.  
 Inhalation : Severely irritating to the respiratory system.  
 Ingestion : Causes burns to mouth, throat and stomach.

**Section 12. Ecological information****Section 13. Disposal considerations**

Waste disposal : The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Consult your local or regional authorities.

**Section 14. Transport information**

Regulatory information	UN number	Proper shipping name	Class	Packing group	Additional information
DOT Classification	Not regulated.	-	-	-	Not available.

**APPLIES ONLY DURING ROAD TRANSPORT**

Any variation of the shipping description based on the packaging is not addressed.

## Section 15. Regulatory information

HCS Classification	: Oxidizing material Corrosive material
U.S. Federal regulations	: <b>United States inventory (TSCA 8b)</b> : All components are listed or exempted. SARA 302/304/311/312 extremely hazardous substances: No products were found. SARA 302/304 emergency planning and notification: No products were found.
California Prop. 65	: No products were found.
EPA Registration No.	: 1677-225

## Section 16. Other information

Hazardous Material Information System (U.S.A.)	:	Health	3
		Flammability	0
		Physical hazards	1

Date of issue	: 02-April-2008.
Responsible name	: Regulatory Affairs
Date of previous issue	: No previous validation.

### 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.**