# **Material Safety Data Sheet**



**DISINFECTANT CLEANER 2.0** 

### Section 1. Chemical product and company identification

Trade name **DISINFECTANT CLEANER 2.0** 

Product use disinfectant

Supplier Ecolab Inc. Institutional Division

370 N. Wabasha Street St. Paul. MN 55102 1-800-352-5326

Code : 900850

Date of issue : 07-September-2007 **EPA Registration No.** : 47371-37-1677

> **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>	CAS number	% by weight
alcohols, c12-15, ethoxylated	68131-39-5	
didecyldimethylammonium chloride	7173-51-5	1 - 5
quaternary ammonium compounds, benzyl-c12-c16-alkyldimethyl, chlorides	68424-85-1	1 - 5

#### Section 3. Hazards identification

Physical state : Liquid. [Liquid.] **Emergency** : WARNING! overview

> CAUSES SEVERE EYE IRRITATION. HARMFUL IF ABSORBED THROUGH SKIN.

MAY CAUSE SKIN IRRITATION.

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

#### Potential acute health effects

**Eyes** : Severely irritating to eyes. Skin : Moderately irritating to the skin.

: No known significant effects or critical hazards. Inhalation Ingestion : No known significant effects or critical hazards.

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 : Flush contaminated skin with plenty of water. Continue to rinse for at least 10 minutes. Get

medical attention if irritation persists. Remove contaminated clothing and shoes. Wash

clothing before reuse. Clean shoes thoroughly before reuse.

Inhalation : If inhaled, remove to fresh air.

Ingestion : Do not induce vomiting. Never give anything by mouth to an unconscious person. If irritation

persists, get medical attention.

## Section 5. Fire fighting measures

Flash point : > 100°C

Product does not support combustion.

**Products of combustion** : Decomposition products may include the following materials: halogenated

compounds, hydrogen chloride.

Fire-fighting media and

instructions

: Use an extinguishing agent suitable for the surrounding fire.

Dike liquid for later disposal.

No specific hazard.

for fire-fighters

Special protective equipment : 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

Personal precautions : Ventilate area of leak or spill. Do not touch damaged containers or spilled material unless wearing appropriate protective equipment (Section 8). Stop leak if without risk. Do not allow to enter drains or watercourses

Environmental precautions

: 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).

Methods for cleaning up

: If emergency personnel are unavailable, contain spilled material. For small spills, add absorbent (soil may be used in the absence of other suitable materials), scoop up material and place in a sealable, liquid-proof container for disposal. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

## Section 7. Handling and storage

Handling

: Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

Storage

Keep out of the reach of children. Keep container tightly closed. Keep container in a cool, wellventilated area.

Store between the following temperatures: 0 and 50°C

## Section 8. Exposure controls, personal protection

Engineering measures

: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal protection:

Eyes : Wear eye protection.

: For prolonged or repeated handling, use the following type of gloves: Impervious gloves. Hands

Skin : No protective equipment is needed under normal use conditions.

Respiratory : A respirator is not needed under normal and intended conditions of product use.

Consult local authorities for acceptable exposure limits.

## Section 9. Physical and chemical properties

Physical state : Liquid. [Liquid.]

Color : Green. Odor citrus

рΗ : 10 to 12 [Conc. (% w/w): 100%]

Specific gravity : 0.991 to 1.096

Solubility : Easily soluble in cold water, hot water.

### Section 10. Stability and reactivity

Stability

products

: The product is stable.

Hazardous decomposition

: Decomposition products may include the following materials: halogenated

compounds, hydrogen chloride.

## Section 11. Toxicological information

#### Potential acute health effects

Eyes : Severely irritating to eyes.

Skin : Moderately irritating to the skin.

InhalationIngestionNo known significant effects or critical hazards.No known significant effects or critical hazards.

## 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
<b>DOT</b> 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

: Irritating material

U.S. Federal regulations

: SARA 302/304/311/312 extremely hazardous substances: No products were

found.

SARA 302/304 emergency planning and notification: No products were found.

TSCA 8(b) inventory

: All materials are listed or exempt.

California Prop. 65

: No products were found.

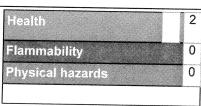
**EPA Registration No.** 

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#### Section 16. Other information

Hazardous Material

Information System (U.S.A.)



Date of issue
Responsible name
Date of previous issue

: 07-September-2007.: Regulatory Affairs

: No previous validation.

## Section 16. Other information

#### 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.