



## SAFETY DATA SHEET

### A-456 II DISINFECTANT CLEANER

#### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : A-456 II DISINFECTANT CLEANER  
Other means of identification : Not applicable  
Recommended use : Cleaner and disinfectant  
Restrictions on use : Reserved for industrial and professional use.

Product dilution information : 0.39 % - 1.56 %

Company : Ecolab Inc.  
1 Ecolab Place  
St. Paul, Minnesota USA 55102  
1-800-352-5326

Emergency health information : 1-800-328-0026 (US/Canada), 1-651-222-5352 (outside US)

Issuing date : 06/19/2019

#### SECTION 2. HAZARDS IDENTIFICATION

##### GHS Classification

##### Product AS SOLD

Acute toxicity (Oral) : Category 4  
Acute toxicity (Dermal) : Category 4  
Skin corrosion/irritation : Category 1A  
Serious eye damage

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comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. Wash contaminated clothing before reuse.

**Storage:**

Store locked up.

**Disposal:**

Dispose of contents/ container to an approved waste disposal plant.

### Product AT USE DILUTION

Hazard Statements : Harmful in contact with skin.  
Causes eye irritation.

Precautionary Statements : **Prevention:**  
Wash skin thoroughly after handling.  
**Response:**  
IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER/doctor if you feel unwell. If eye irritation persists: Get medical advice/ attention. Wash contaminated clothing before reuse.  
**Disposal:**  
Dispose of contents/ container to an approved waste disposal plant.

### Product AS SOLD

Other hazards : None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Product AS SOLD

Pure substance/mixture : Mixture

| Chemical name   | CAS-No.                | Concentration (%) |
|---|------------------------|-------------------|
| Octyl decyl dimethyl ammonium chloride                                | 32426-11-2             | 6.51              |
| Diocetyl dimethyl ammonium chloride                                   | 5538-94-3              | 2.604             |
| Didecyl Dimethyl Ammonium Chloride                                    | 7173-51-5              | 3.906             |
| n-alkyl (C14 50%; C12 40%; C16 10%) dimethyl benzyl ammonium chloride | 68424-85-1             | 8.68              |
| Alcohols, C9-11, ethoxylated  | 68439-46-3             | 5 - 10            |
| ethanol   | 64-17-5                | 1 - 5             |
| ethylenediamine tetraacetate  | 64-02-8                | 1 - 5             |
| disodium metasilicate   | 6834-92-0              | 1 - 5             |
| Fragrance   | Proprietary Ingredient | 0.1 -             |

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Continue rinsing. Get medical attention immediately.

In case of skin contact : Wash off immediately with plenty of water for at least 15 minutes. Use a mild soap if available. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.

If swallowed : Rinse mouth with water. Do NOT induce vomiting. Never give

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#### Product AS SOLD

Personal precautions, protective equipment and emergency procedures : Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.

Environmental precautions : Do not allow contact with soil, surface or ground water.

Methods and materials for containment and cleaning up : Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

#### Product AT USE DILUTION

Personal precautions, protective equipment and emergency procedures : Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.

Environmental precautions : Do not allow contact with soil, surface or ground water.

Methods and materials for containment and cleaning up : Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

### SECTION 7. HANDLING AND STORAGE

#### Product AS SOLD

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ethylenediamine tetraacetate  
96 h LC50 Fish: 121 mg/l

disodium metasilicate  
96 h LC50 Fish: 210 mg/l

#### Components

Toxicity to daphnia and other aquatic invertebrates : Dioctyl dimethyl ammonium chloride  
96 h LC50 Americamysis bahia: 0.073 mg/l

n-alkyl (C14 50%; C12 40%; C16 10%) dimethyl benzyl ammonium chloride  
48 h

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Authorization Act Hazardous waste

### Product AT USE DILUTION

Disposal methods : Do not contaminate ponds, waterways or ditches with chemical or used container. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.

Disposal considerations : Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers. Dispose of in accordance with local, state, and federal regulations.

## SECTION 14. TRANSPORT INFORMATION

### Product AS SOLD

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

#### Land transport (DOT)

UN number : 1760  
Description of the goods : Corrosive liquids, n.o.s.  
(quaternary ammonium compound)  
Class : 8  
Packing group : III  
Environmentally hazardous : no

#### Sea transport (IMDG/IMO)

UN number : 1760  
Description of the goods : CORROSIVE LIQUID, N.O.S.  
(quaternary ammonium compound)  
Class : 8  
Packing group :

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**Philippines Inventory of Chemicals and Chemical Substances (PICCS) :**  
not determined

**China. Inventory of Existing Chemical Substances in China (IECSC) :**  
not determined

**Taiwan Chemical Substance Inventory (TCSI) :**  
not determined

### SECTION 16. OTHER INFORMATION

**Product AS SOLD**  
**NFPA:**

**HMIS III:**

**Product AT USE DILUTION**  
**NFPA:**

**HMIS III:**