

## **MULTI PURPOSE DISINFECTING WIPES**

#### **SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : MULTI PURPOSE DISINFECTING WIPES

Other means of identification : Not applicable

Recommended use : Disinfectant

Restrictions on use : Reserved for industrial and professional use.

Product dilution information : Product is sold ready to use.

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 : 11/01/2019

#### **SECTION 2. HAZARDS IDENTIFICATION**

#### **GHS Classification**

Flammable liquids : Category 4 Eye irritation : Category 2B

**GHS** label elements

Signal Word : Caution

Hazard Statements : Combustible liquid.

Causes eye irritation.

Precautionary Statements : Prevention:

Keep away from heat/sparks/open flames/hot surfaces. No smoking.

Wash skin thoroughly after handling.

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/ attention. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Storage:

Store in a well-ventilated place. Keep cool.

Disposal:

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

Other hazards : None known.

## **SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Pure substance/mixture : Mixture

Chemical name CAS-No. Concentration (%)

Alkyl (50% C14, 40% C12, 10% C16) dimethyl 68424-85-1 0.1212

benzyl ammonium chloride

Octyl decyl dimethyl ammonium chloride 32426-11-2 0.0909 Didecyl Dimethyl Ammonium Chloride 7173-51-5 0.0545

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Dioctyl dimethyl ammonium chloride 5538-94-3 0.0364

#### **SECTION 4. FIRST AID MEASURES**

In case of eye contact : Rinse with plenty of water.

In case of skin contact : Rinse with plenty of water.

If swallowed : Rinse mouth. Get medical attention if symptoms occur.

If inhaled : Get medical attention if symptoms occur.

Protection of first-aiders : No special precautions are necessary for first aid responders.

Notes to physician : Treat symptomatically.

Most important symptoms and effects, both acute and

delayed

: See Section 11 for more detailed information on health effects and

symptoms.

#### **SECTION 5. FIRE-FIGHTING MEASURES**

Suitable extinguishing media : Use extinguishing measures that are appropriate to local

circumstances and the surrounding environment.

Unsuitable extinguishing

media

: High volume water jet

Specific hazards during fire

fighting

: Fire Hazard

Keep away from heat and sources of ignition. Flash back possible over considerable distance.

Hazardous combustion

products

: Decomposition products may include the following materials:

Carbon oxides

Special protective equipment : Use personal protective equipment.

for fire-fighters

Specific extinguishing

methods

: Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire

and/or explosion do not breathe fumes.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

: Remove all sources of ignition. 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 : Eliminate all ignition sources if safe to do so. 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). For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

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#### **SECTION 7. HANDLING AND STORAGE**

Advice on safe handling : Keep away from fire, sparks and heated surfaces. Take necessary

> action to avoid static electricity discharge (which might cause ignition of organic vapors). Wash hands thoroughly after handling. In case of mechanical malfunction, or if in contact with unknown dilution of

product, wear full Personal Protective Equipment (PPE).

Conditions for safe storage : Keep away from heat and sources of ignition. Keep away from

oxidizing agents. Keep out of reach of children. Store in suitable

labeled containers.

Storage temperature : 0 °C to 50 °C

## **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

#### Ingredients with workplace control parameters

Contains no substances with occupational exposure limit values.

**Engineering measures** : Effective exhaust ventilation system. Maintain air concentrations

below occupational exposure standards.

#### Personal protective equipment

: No special protective equipment required. Eye protection

Hand protection : No special protective equipment required.

Skin protection : No special protective equipment required.

Respiratory protection : No personal respiratory protective equipment normally required.

Hygiene measures : Handle in accordance with good industrial hygiene and safety

practice.

#### **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance** : liquid

Color clear, white

Odor : citrus

10.5 - 12.0 рΗ

Flash point 93 °C closed cup, Does not sustain combustion.

Odor Threshold No data available Melting point/freezing point : No data available Initial boiling point and : No data available

boiling range

: No data available Evaporation rate

Flammability (solid, gas) : Not applicable Upper explosion limit : No data available : No data available Lower explosion limit Vapor pressure : No data available

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Relative vapor density : No data available Relative density : No data available Water solubility : No data available Solubility in other solvents : No data available

Partition coefficient: n-

octanol/water

: No data available

: No data available

Autoignition temperature : No data available Thermal decomposition : No data available Viscosity, kinematic : No data available Explosive properties : No data available Oxidizing properties : No data available

Molecular weight VOC : No data available

#### **SECTION 10. STABILITY AND REACTIVITY**

Reactivity : No dangerous reaction known under conditions of normal use.

Chemical stability : Stable under normal conditions.

Possibility of hazardous

reactions

: No dangerous reaction known under conditions of normal use.

Conditions to avoid : Heat, flames and sparks.

Incompatible materials : None known.

Hazardous decomposition

products

: In case of fire hazardous decomposition products may be produced

such as:

Carbon oxides

## **SECTION 11. TOXICOLOGICAL INFORMATION**

exposure

Information on likely routes of : Inhalation, Eye contact, Skin contact

#### **Potential Health Effects**

: Causes eye irritation. Eyes

Skin : Health injuries are not known or expected under normal use.

Ingestion : Health injuries are not known or expected under normal use.

Inhalation : Health injuries are not known or expected under normal use.

Chronic Exposure : Health injuries are not known or expected under normal use.

#### **Experience with human exposure**

Eye contact : Redness, Irritation

Skin contact : No symptoms known or expected.

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Ingestion : No symptoms known or expected.

Inhalation : No symptoms known or expected.

**Toxicity** 

**Product** 

Acute oral toxicity : No data available
Acute inhalation toxicity : No data available
Acute dermal toxicity : No data available
Skin corrosion/irritation : No data available
Serious eye damage/eye : No data available

Respiratory or skin

irritation

sensitization

: No data available

Carcinogenicity : No data available
Reproductive effects : No data available
Germ cell mutagenicity : No data available
Teratogenicity : No data available
STOT-single exposure : No data available
STOT-repeated exposure : No data available
Aspiration toxicity : No data available

Components

Acute oral toxicity : Alkyl (50% C14, 40% C12, 10% C16) dimethyl benzyl ammonium

chloride

LD50 Rat: 344 mg/kg

Octyl decyl dimethyl ammonium chloride

LD50 Rat: 238 mg/kg

Didecyl Dimethyl Ammonium Chloride

LD50 Rat: 329 mg/kg

Dioctyl dimethyl ammonium chloride

LD50 Rat: 238 mg/kg

Components

Acute inhalation toxicity : Alkyl (50% C14, 40% C12, 10% C16) dimethyl benzyl ammonium

chloride

4 h LC50 Rat: 0.054 mg/l Test atmosphere: dust/mist

Octyl decyl dimethyl ammonium chloride

4 h LC50 Rat: 0.07 mg/l Test atmosphere: dust/mist

Didecyl Dimethyl Ammonium Chloride

4 h LC50 Rat: 0.07 mg/l Test atmosphere: dust/mist

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Dioctyl dimethyl ammonium chloride

4 h LD50 Rat: 0.07 mg/l Test atmosphere: dust/mist

Components

Acute dermal toxicity : Alkyl (50% C14, 40% C12, 10% C16) dimethyl benzyl ammonium

chloride

LD50 Rabbit: 3,340 mg/kg

Octyl decyl dimethyl ammonium chloride

LD50 Rabbit: 2,930 mg/kg

Didecyl Dimethyl Ammonium Chloride

LD50 Rabbit: 2,930 mg/kg

Dioctyl dimethyl ammonium chloride

LD50 Rabbit: 259 mg/kg

## **SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity** 

Environmental Effects : Harmful to aquatic life.

**Product** 

Toxicity to fish : No data available

Toxicity to daphnia and other : No data available

aquatic invertebrates

Toxicity to algae : No data available

Components

Toxicity to fish : Octyl decyl dimethyl ammonium chloride

96 h LC50 Fish: 1 mg/l

Didecyl Dimethyl Ammonium Chloride

96 h LC50 Fish: 1 mg/l

Dioctyl dimethyl ammonium chloride

96 h LC50 Oncorhynchus mykiss (rainbow trout): 0.35 mg/l

Components

Toxicity to daphnia and other

aquatic invertebrates

: Alkyl (50% C14, 40% C12, 10% C16) dimethyl benzyl ammonium

chloride

48 h EC50 Daphnia magna (Water flea): 0.016 mg/l

Dioctyl dimethyl ammonium chloride

96 h LC50: 0.073 mg/l

Components

Toxicity to algae : Dioctyl dimethyl ammonium chloride

72 h EC50 Pseudokirchneriella subcapitata (algae): 0.122 mg/l

Persistence and degradability

Not applicable - Biocide

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#### **Bioaccumulative potential**

No data available

Mobility in soil

No data available

Other adverse effects

No data available

## **SECTION 13. DISPOSAL CONSIDERATIONS**

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 reuse empty containers. Dispose of in accordance with local, state, and

federal regulations.

#### SECTION 14. TRANSPORT INFORMATION

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)

Not dangerous goods

#### Sea transport (IMDG/IMO)

Not dangerous goods

#### **SECTION 15. REGULATORY INFORMATION**

**EPA Registration number** : 6836-340-1677

**EPCRA - Emergency Planning and Community Right-to-Know** 

#### **CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

#### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : Flammable (gases, aerosols, liquids, or solids)

Serious eye damage or eye irritation

SARA 302 : This material does not contain any components with a section 302

EHS TPQ.

SARA 313 : This material does not contain any chemical components with known

CAS numbers that exceed the threshold (De Minimis) reporting levels

established by SARA Title III, Section 313.

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#### California Prop. 65

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

## California Cleaning Product Right to Know Act of 2017 (SB 258)

This regulation applies to this product.

The regulation applies to the product				
Chemical Name	CAS-No.	Function	List(s)	
water	7732-18-5	Diluent	Not Applicable	
Alkyl (50% C14, 40% C12, 10%	68424-85-1	Biocide	Not Applicable	
C16) dimethyl benzyl ammonium				
chloride				
Octyl decyl dimethyl ammonium	32426-11-2	Biocide	Not Applicable	
chloride				
Fragrance ingredient(s)	Not Available	Fragrance	FRA	
Didecyl Dimethyl Ammonium	7173-51-5	Biocide	Not Applicable	
Chloride				
Chelating agent	Withheld	Buffer	Not Applicable	
Dioctyl dimethyl ammonium	5538-94-3	Biocide	Not Applicable	
chloride				
Silicate	Withheld	Cleaning Agent	Not Applicable	

<sup>\*</sup>refer to ecolab.com/sds for electronic links to designated lists

#### The ingredients of this product are reported in the following inventories:

#### **United States TSCA Inventory:**

On the inventory, or in compliance with the inventory

#### Canadian Domestic Substances List (DSL):

This product contains one or several components that are not on the Canadian DSL nor NDSL.

## Australia Inventory of Chemical Substances (AICS):

not determined

#### New Zealand. Inventory of Chemical Substances:

not determined

## Japan. ENCS - Existing and New Chemical Substances Inventory :

not determined

#### Korea. Korean Existing Chemicals Inventory (KECI):

not determined

## 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):

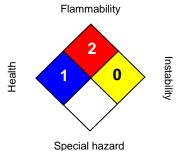
not determined

## SECTION 16. OTHER INFORMATION

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# **MULTI PURPOSE DISINFECTING WIPES**

#### NFPA:



#### HMIS III:

HEALTH	1
FLAMMABILITY	2
PHYSICAL HAZARD	0

0 = not significant, 1 = Slight, 2 = Moderate, 3 = High

4 = Extreme, \* = Chronic

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Version : 1.4

Prepared by : Regulatory Affairs

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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