



## SAFETY DATA SHEET

### ENCAPSULATION CARPET CLEANER

#### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : ENCAPSULATION CARPET CLEANER

Other means of identification : Not applicable

Recommended use : Carpet or Upholstery cleaner

Restrictions on use : Reserved for industrial and professional use.

Product dilution information : 6.25 %

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 : 06/06/2025

#### SECTION 2. HAZARDS IDENTIFICATION

**GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)**

**Product AS SOLD**

Not a hazardous substance or mixture.

**Product AT USE DILUTION**

Not a hazardous substance or mixture.

**GHS label elements**

**Product AS SOLD**

Precautionary Statements : **Prevention:**  
Wash hands thoroughly after handling.  
**Response:**  
Get medical advice/ attention if you feel unwell.  
**Storage:**  
Store in accordance with local regulations.

**Product AT USE DILUTION**

Precautionary Statements : **Prevention:**  
Wash hands thoroughly after handling.  
**Response:**  
Get medical advice/ attention if you feel unwell.  
**Storage:**  
Store in accordance with local regulations.

**Product AS SOLD**

**Other hazards** : Do not mix with bleach or other chlorinated products – will cause chlorine gas.

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

**Product AS SOLD**

## SAFETY DATA SHEET

### ENCAPSULATION CARPET CLEANER

Pure substance/mixture : Mixture

| Chemical name                                     | CAS-No.    | Concentration (%) |
|---------------------------------------------------|------------|-------------------|
| citric acid                                       | 77-92-9    | 0.1 - 1           |
| Oxyalkylated n-C6 C8 C10 and branched C6 alcohols | 68987-81-5 | 0.1 - 1           |

#### Product AT USE DILUTION

No hazardous ingredients

### SECTION 4. FIRST AID MEASURES

#### Product AS SOLD

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 : No specific measures identified.

Most important symptoms and effects, both acute and delayed : See Section 11 for more detailed information on health effects and symptoms.

#### Product AT USE DILUTION

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.

### SECTION 5. FIRE-FIGHTING MEASURES

#### Product AS SOLD

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : None known.

Specific hazards during fire fighting : Not flammable or combustible.

Hazardous combustion products : Decomposition products may include the following materials:  
Carbon oxides

Special protective equipment for fire-fighters : Use personal protective equipment.

Specific extinguishing : Fire residues and contaminated fire extinguishing water must be

## SAFETY DATA SHEET

### ENCAPSULATION CARPET CLEANER

methods

disposed of in accordance with local regulations.

#### SECTION 6. ACCIDENTAL RELEASE MEASURES

##### Product AS SOLD

Personal precautions, protective equipment and emergency procedures : Refer to protective measures listed in sections 7 and 8.

Environmental precautions : No special environmental precautions required.

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 : Refer to protective measures listed in sections 7 and 8.

Environmental precautions : No special environmental precautions required.

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

Advice on safe handling : Do not mix with bleach or other chlorinated products – will cause chlorine gas.

Conditions for safe storage : Keep out of reach of children. Store in suitable labeled containers.

Storage temperature : 5 °C to 50 °C

##### Product AT USE DILUTION

Advice on safe handling : Wash hands after handling. In case of mechanical malfunction, or if in contact with unknown dilution of product, wear full Personal Protective Equipment (PPE). For personal protection see section 8.

Conditions for safe storage : Keep out of reach of children. Store in suitable labeled containers.

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

##### Product AS SOLD

##### Ingredients with workplace control parameters

Contains no substances with occupational exposure limit values.

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

## SAFETY DATA SHEET

### ENCAPSULATION CARPET CLEANER

#### Personal protective equipment

|                        |                                                                        |
|------------------------|------------------------------------------------------------------------|
| Eye protection         | : No special protective equipment required.                            |
| 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       | : Wash hands before breaks and immediately after handling the product. |

#### Product AT USE DILUTION

|                      |                                                                                                      |
|----------------------|------------------------------------------------------------------------------------------------------|
| Engineering measures | : Good general ventilation should be sufficient to control worker exposure to airborne contaminants. |
|----------------------|------------------------------------------------------------------------------------------------------|

#### Personal protective equipment

|                        |                                                                   |
|------------------------|-------------------------------------------------------------------|
| Eye protection         | : No special protective equipment required.                       |
| Hand protection        | : No special protective equipment required.                       |
| Skin protection        | : No special protective equipment required.                       |
| Respiratory protection | : No personal respiratory protective equipment normally required. |

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                                        | Product AS SOLD     | Product AT USE DILUTION |
|--------------------------------------------------------|---------------------|-------------------------|
| Physical State                                         | : liquid            | liquid                  |
| Color                                                  | : clear, amber      | amber                   |
| Odor                                                   | : citrus            | Perfumes, fragrances    |
| pH                                                     | : 8.4, (100 %)      | 8.15                    |
| Flash point                                            | : Not applicable    |                         |
| Odor Threshold                                         | : No data available |                         |
| Melting point/freezing point                           | : No data available |                         |
| Boiling point, initial boiling point and boiling range | : No data available |                         |
| Evaporation rate                                       | : No data available |                         |
| Flammability                                           | : Not applicable    |                         |
| Upper explosion limit                                  | : No data available |                         |
| Lower explosion limit                                  | : No data available |                         |
| Vapor pressure                                         | : No data available |                         |
| Relative vapor density                                 | : No data available |                         |
| Relative density                                       | : 1.033             |                         |
| Density                                                | : No data available |                         |
| Water solubility                                       | : soluble           |                         |
| Solubility in other solvents                           | : No data available |                         |

## SAFETY DATA SHEET

### ENCAPSULATION CARPET CLEANER

|                                                            |                     |
|------------------------------------------------------------|---------------------|
| Partition coefficient: n-octanol/water (logarithmic value) | : No data available |
| Autoignition temperature                                   | : No data available |
| Decomposition temperature                                  | : No data available |
| Viscosity, kinematic                                       | : No data available |
| Explosive properties                                       | : No data available |
| Oxidizing properties                                       | : No data available |
| Molecular weight                                           | : No data available |
| VOC                                                        | : No data available |
| Particle characteristics                                   | : No data available |

### SECTION 10. STABILITY AND REACTIVITY

#### Product AS SOLD

|                                    |                                                                                   |
|------------------------------------|-----------------------------------------------------------------------------------|
| Reactivity                         | : No dangerous reaction known under conditions of normal use.                     |
| Chemical stability                 | : Stable under normal conditions.                                                 |
| Possibility of hazardous reactions | : Do not mix with bleach or other chlorinated products – will cause chlorine gas. |
| Conditions to avoid                | : None known.                                                                     |
| Incompatible materials             | : Acids                                                                           |
| Hazardous decomposition products   | : In the event of fire, see Section 5                                             |

### SECTION 11. TOXICOLOGICAL INFORMATION

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

#### Potential Health Effects

#### Product AS SOLD

|                  |                                                               |
|------------------|---------------------------------------------------------------|
| Eyes             | : Health injuries are not known or expected under normal use. |
| 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. |

#### Product AT USE DILUTION

|            |                                                               |
|------------|---------------------------------------------------------------|
| Eyes       | : Health injuries are not known or expected under normal use. |
| 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. |

## SAFETY DATA SHEET

### ENCAPSULATION CARPET CLEANER

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

#### Experience with human exposure

##### Product AS SOLD

Eye contact : No symptoms known or expected.

Skin contact : No symptoms known or expected.

Ingestion : No symptoms known or expected.

Inhalation : No symptoms known or expected.

##### Product AT USE DILUTION

Eye contact : No symptoms known or expected.

Skin contact : No symptoms known or expected.

Ingestion : No symptoms known or expected.

Inhalation : No symptoms known or expected.

#### Toxicity

##### Product AS SOLD

###### Product

Acute oral toxicity : Acute toxicity estimate : > 5,000 mg/kg

Acute inhalation toxicity : No data available

Acute dermal toxicity : No data available

Skin corrosion/irritation : No data available

Serious eye damage/eye irritation : No data available

Respiratory or skin 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 inhalation toxicity : Oxyalkylated n-C6 C8 C10 and branched C6 alcohols  
4 h LC50 Rat: > 50 mg/l  
Test atmosphere: dust/mist

##### Components

Acute dermal toxicity : Oxyalkylated n-C6 C8 C10 and branched C6 alcohols  
LD50 Rabbit: > 2,000 mg/kg

## SAFETY DATA SHEET

### ENCAPSULATION CARPET CLEANER

#### SECTION 12. ECOLOGICAL INFORMATION

##### Ecotoxicity

###### Product AS SOLD

Environmental Effects : This product has no known ecotoxicological effects.

###### Product AT USE DILUTION

Environmental Effects : This product has no known ecotoxicological effects.

###### Product AS SOLD

###### Product

Toxicity to fish : No data available

Toxicity to daphnia and other aquatic invertebrates : No data available

Toxicity to algae : No data available

###### Components

Toxicity to fish : citric acid  
96 h LC50 Fish: > 100 mg/l

Oxyalkylated n-C6 C8 C10 and branched C6 alcohols  
96 h LC50 Fish: 5 mg/l

##### Persistence and degradability

###### Product AT USE DILUTION

Readily biodegradable.

##### Bioaccumulative potential

No data available

##### Mobility in soil

No data available

##### Other adverse effects

No data available

#### SECTION 13. DISPOSAL CONSIDERATIONS

###### Product AS SOLD

Disposal methods : Diluted product can be flushed to sanitary sewer.

Disposal considerations : Dispose of in accordance with local, state, and federal regulations.

###### Product AT USE DILUTION

Disposal methods : Diluted product can be flushed to sanitary sewer.

Disposal considerations : 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.

## SAFETY DATA SHEET

### ENCAPSULATION CARPET CLEANER

#### Land transport (DOT)

Not dangerous goods

#### Sea transport (IMDG/IMO)

Not dangerous goods

### SECTION 15. REGULATORY INFORMATION

#### Product AS SOLD

#### TSCA - 5(a) Significant New Use Rule List of Chemicals

The following substance(s) is/are subject to a Significant New Use Rule:

2-Methyl-4-isothiazolin-3-one

#### 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** : No SARA Hazards

**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.

#### 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.

| Hazardous ingredients                                                                           | CAS-No.    | Function       | List(s)        |
|-------------------------------------------------------------------------------------------------|------------|----------------|----------------|
| water                                                                                           | 7732-18-5  | Solvent        | Not Applicable |
| 2,5-Furandione, polymer with 2,4,4-trimethylpentene, sodium salt (Average MW 4000 - 8000 g/mol) | 37199-81-8 | Cleaning Agent | Not Applicable |
| citric acid                                                                                     | 77-92-9    | Buffer         | Not Applicable |
| Oxyalkylated n-C6 C8 C10 and branched C6 alcohols                                               | 68987-81-5 | Cleaning Agent | Not Applicable |
| Isothiazolinones                                                                                | Withheld   | Biocide        | Not Applicable |
| Related reaction products                                                                       | Withheld   | Biocide        | Not Applicable |
| Colorant                                                                                        | Withheld   | Dye            | Not Applicable |
| Colorant                                                                                        | Withheld   | Dye            | Not Applicable |
| Colorant                                                                                        | Withheld   | Dye            | Not Applicable |

\*refer to [ecolab.com/sds](http://ecolab.com/sds) for electronic links to designated lists

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

## SAFETY DATA SHEET

### ENCAPSULATION CARPET CLEANER

**Switzerland. New notified substances and declared preparations :**  
not determined

**United States TSCA Inventory :**  
All substances listed as active on the TSCA inventory

**Canadian Domestic Substances List (DSL) :**  
This product contains one or several components listed in the Canadian NDSL.

**Australia. Australian Industrial Chemicals Introduction Scheme (AICIS) :**  
not determined

**New Zealand Inventory of Chemicals (NZIoC) :**  
On the inventory, or in compliance with the inventory

**Japan. ENCS - Existing and New Chemical Substances Inventory :**  
not determined

**Korea. Korean Existing Chemicals Inventory (KECI) :**  
On the inventory, or in compliance with the inventory

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

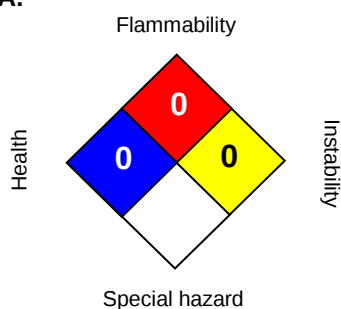
**China. Inventory of Existing Chemical Substances in China (IECSC) :**  
not determined

**Taiwan Chemical Substance Inventory (TCSI) :**  
On the inventory, or in compliance with the inventory

### SECTION 16. OTHER INFORMATION

#### Product AS SOLD

##### NFPA:



##### HMIS® IV:

|                 |     |
|-----------------|-----|
| HEALTH          | / 0 |
| FLAMMABILITY    | 0   |
| PHYSICAL HAZARD | 0   |

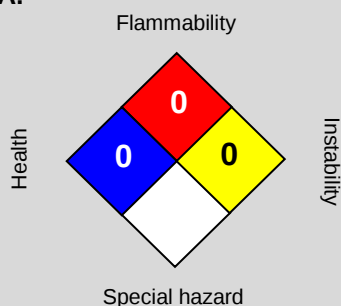
HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "\*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

#### Product AT USE DILUTION

# SAFETY DATA SHEET

## ENCAPSULATION CARPET CLEANER

### NFPA:



### HMIS® IV:

|                 |     |
|-----------------|-----|
| HEALTH          | / 0 |
| FLAMMABILITY    | 0   |
| PHYSICAL HAZARD | 0   |

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "\*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

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Version : 1.0  
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.