

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : LAUNDRY COLOR-SAFE BLEACH PACKS

Other means of identification : Not applicable

Recommended use : Bleach

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 : 10/08/2019

**SECTION 2. HAZARDS IDENTIFICATION**
**GHS Classification**

Acute toxicity (Oral) : Category 4  
Eye irritation : Category 2A

**GHS label elements**

Hazard pictograms :



Signal Word : Warning

Hazard Statements : Harmful if swallowed.  
Causes serious eye irritation.

Precautionary Statements : **Prevention:**  
Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product.  
**Response:**  
IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth. 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.  
**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 (%) |
|---------------|---------|-------------------|
|---------------|---------|-------------------|

## SAFETY DATA SHEET

### LAUNDRY COLOR-SAFE BLEACH PACKS

|                           |            |         |
|---------------------------|------------|---------|
| Sodium Carbonate          | 497-19-8   | 30 - 60 |
| Sodium carbonate peroxide | 15630-89-4 | 30 - 60 |
| Sodium silicate           | 1344-09-8  | 1 - 5   |

#### SECTION 4. FIRST AID MEASURES

|   |   |
|---|---|
| In case of eye contact                                      | : 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 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                                  | : If potential for exposure exists refer to Section 8 for specific personal protective equipment.   |
| 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                 | : None known.   |
| Specific hazards during fire fighting          | : Not flammable or combustible.   |
| Hazardous combustion products                  | : Decomposition products may include the following materials:<br>Carbon oxides<br>Nitrogen oxides (NOx)   |
| Special protective equipment for fire-fighters | : Use personal protective equipment.  |
| 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 | : 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               | : Sweep up and shovel into suitable containers for disposal.   |

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## LAUNDRY COLOR-SAFE BLEACH PACKS

### SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : Do not ingest. Avoid contact with skin and eyes. 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 out of reach of children. Store in suitable labeled containers.
- Storage temperature : 0 °C to 40 °C

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 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.

#### Personal protective equipment

- Eye protection : Due to the form and packaging of the product, no protective equipment is needed under normal use conditions.
- 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. Wash face, hands and any exposed skin thoroughly after handling.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : powder
- Color : opaque, white
- Odor : odorless
- pH : 9.5 - 11.0, (1 %)
- Flash point : Not applicable
- Odor Threshold : No data available
- Melting point/freezing point : No data available
- Initial boiling point and boiling range : > 100 °C
- Evaporation rate : No data available
- Flammability (solid, gas) : Not applicable
- Upper explosion limit : No data available
- Lower explosion limit : No data available
- Vapor pressure : No data available

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### LAUNDRY COLOR-SAFE BLEACH PACKS

|  |                     |
|--|---------------------|
| Relative vapor density                 | : No data available |
| Relative density                       | : No data available |
| Water solubility                       | : soluble           |
| Solubility in other solvents           | : No data available |
| Partition coefficient: n-octanol/water | : 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                       | : No data available |
| 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                | : None known.  |
| Incompatible materials             | : None known.  |
| Hazardous decomposition products   | : Decomposition products may include the following materials:<br>Carbon oxides<br>Nitrogen oxides (NO <sub>x</sub> ) |

### SECTION 11. TOXICOLOGICAL INFORMATION

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

#### Potential Health Effects

|                  |   |
|------------------|---|
| Eyes             | : Causes serious eye irritation.                              |
| Skin             | : Health injuries are not known or expected under normal use. |
| Ingestion        | : Harmful if swallowed.                                       |
| 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, Pain, Irritation      |
| Skin contact | : No symptoms known or expected. |

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### LAUNDRY COLOR-SAFE BLEACH PACKS

Ingestion : No information available.

Inhalation : No symptoms known or expected.

#### Toxicity

##### Product

Acute oral toxicity : Acute toxicity estimate : 1,843 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 : Eye irritation

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 dermal toxicity : Sodium silicate  
LD50 Rat: > 5,000 mg/kg  
Test substance: Information given is based on data obtained from similar substances.

### SECTION 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

Environmental Effects : Toxic to aquatic life.

##### 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 : Sodium Carbonate  
96 h LC50 *Lepomis macrochirus* (Bluegill sunfish): 300 mg/l  
  
Sodium silicate  
96 h LC50 *Oncorhynchus mykiss* (rainbow trout): 260 mg/l

##### Components

Toxicity to daphnia and other : Sodium Carbonate

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aquatic invertebrates

48 h EC50 Ceriodaphnia (water flea): 213.5 mg/l

Sodium carbonate peroxide  
48 h EC50 Daphnia: 4.9 mg/l

Sodium silicate  
48 h EC50 Daphnia magna (Water flea): 1,700 mg/l

#### Components

Toxicity to algae : Sodium silicate  
72 h EC50 Desmodesmus subspicatus (green algae): 207 mg/l

#### Persistence and degradability

Not applicable - inorganic

#### 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 re-use 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

EPCRA - Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity

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### LAUNDRY COLOR-SAFE BLEACH PACKS

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** : Acute toxicity (any route of exposure)  
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.

#### 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.

| Chemical Name                       | CAS-No.    | Function       | List(s)        |
|-------------------------------------|------------|----------------|----------------|
| Sodium Carbonate                    | 497-19-8   | Cleaning Agent | Not Applicable |
| Sodium carbonate peroxide           | 15630-89-4 | Cleaning Agent | Not Applicable |
| N,N'-ethylenebis[N-acetylacetamide] | 10543-57-4 | Cleaning Agent | Not Applicable |
| Sodium silicate                     | 1344-09-8  | Cleaning Agent | 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:**

#### United States TSCA Inventory :

All substances listed as active on the TSCA inventory

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

All components of this product are on the Canadian DSL

#### Australia Inventory of Chemical Substances (AICS) :

On the inventory, or in compliance with the inventory

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

not determined

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

On the inventory, or in compliance with the inventory

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

On the inventory, or in compliance with the inventory

#### Philippines Inventory of Chemicals and Chemical Substances (PICCS) :

On the inventory, or in compliance with the inventory

#### China. Inventory of Existing Chemical Substances in China (IECSC) :

On the inventory, or in compliance with the inventory

#### Taiwan Chemical Substance Inventory (TCSI) :

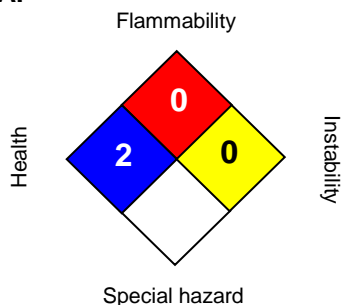
On the inventory, or in compliance with the inventory

# SAFETY DATA SHEET

## LAUNDRY COLOR-SAFE BLEACH PACKS

### SECTION 16. OTHER INFORMATION

#### NFPA:



#### HMIS III:

|                 |   |
|-----------------|---|
| HEALTH          | 2 |
| FLAMMABILITY    | 0 |
| 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.