

## 56888 INDICATOR P-014

## Section: 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : 56888 INDICATOR P-014

Other means of identification : Not applicable.

Recommended use : REAGENT

Restrictions on use : Reserved for industrial and professional use.

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

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

Issuing date : 11/09/2022

## Section: 2. HAZARDS IDENTIFICATION

## GHS Classification

Flammable liquids : Category 3

Eye irritation : Category 2A

Carcinogenicity : Category 1B

Reproductive toxicity : Category 2

Specific target organ toxicity - single exposure : Category 3 (Central Nervous System)

Specific target organ toxicity - single exposure : Category 3 (Central Nervous System)

## GHS Label element

Hazard pictograms :   

Signal Word : Danger

Hazard Statements : Flammable liquid and vapour.  
Causes serious eye irritation.  
May cause drowsiness or dizziness.  
May cause cancer.  
Suspected of damaging fertility or the unborn child.

Precautionary Statements : **Prevention:**  
Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. Wear protective gloves/ protective clothing/ eye protection/ face protection.

**Response:**  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin

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with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Storage:**

Store in a well-ventilated place.

**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: (%)
Ethanol	64-17-5	30 - 60
Phenolphthalein	77-09-8	0.1 - 1

### Section: 4. FIRST AID MEASURES

In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.

In case of skin contact : Wash off with soap and plenty of water. Get medical attention if symptoms occur.

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

If inhaled : Get medical attention if symptoms occur.

Protection of first-aiders : In event of emergency assess the danger before taking action. Do not put yourself at risk of injury. If in doubt, contact emergency responders. Use personal protective equipment as required.

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. FIREFIGHTING MEASURES

Suitable extinguishing media : Foam  
Carbon dioxide  
Dry powder  
Other extinguishing agent suitable for Class B fires  
For large fires, use water spray or fog, thoroughly drenching the burning material.

Unsuitable extinguishing media : None known.

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Specific hazards during firefighting : Fire Hazard  
Keep away from heat and sources of ignition.  
Flash back possible over considerable distance.  
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

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

Special protective equipment for firefighters : Use personal protective equipment.

Specific extinguishing methods : Use water spray to cool unopened containers. 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 adequate ventilation. Remove all sources of ignition. 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 : 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.

### Section: 7. HANDLING AND STORAGE

Advice on safe handling : Avoid contact with skin and eyes. Open drum carefully as content may be under pressure. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Keep away from fire, sparks and heated surfaces. Wash hands thoroughly after handling. Use only with adequate ventilation.

Conditions for safe storage : Keep away from heat and sources of ignition. Keep in a cool, well-ventilated place. Keep away from oxidizing agents. Keep out of reach of children. Keep container tightly closed. Store in suitable labelled containers.

Suitable material : Keep in properly labelled containers.

Unsuitable material : not determined

### Section: 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Components	CAS-No.	Form of exposure	Permissible concentration	Basis

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Ethanol	64-17-5	TWA	1,000 ppm 1,900 mg/m <sup>3</sup>	NIOSH REL
		TWA	1,000 ppm 1,900 mg/m <sup>3</sup>	OSHA Z-1
		STEL	1,000 ppm	ACGIH

Engineering measures : Effective exhaust ventilation system. Maintain air concentrations below occupational exposure standards.

### Personal protective equipment

Eye protection	: Safety goggles Face-shield
Hand protection	: Wear protective gloves. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.
Skin protection	: Wear suitable protective clothing.
Respiratory protection	: No personal respiratory protective equipment normally required.
Hygiene measures	: Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling.

The Personal Protective Equipment (PPE) recommendations provided above have been made in good faith based on typical expected conditions of use. PPE selection should always be completed in conjunction with a proper risk assessment and in accordance with a PPE management program.

## Section: 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Liquid
Colour	: Clear Colorless
Odour	: Alcoholic
Flash point	: 29 °C
pH	: 5.5,(100 %)
Odour Threshold	: no data available
Melting point/freezing point	: -37 °C
Initial boiling point and boiling range	: 82 °C
Evaporation rate	: no data available
Flammability (solid, gas)	: Not applicable.
Upper explosion limit	: no data available
Lower explosion limit	: no data available
Vapour pressure	: no data available
Relative vapour density	: no data available

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Relative density	: 0.91, (20 °C),
Density	: no data available
Water solubility	: no data available
Solubility in other solvents	: no data available
Partition coefficient: n-octanol/water	: no data available
Auto-ignition temperature	: no data available
Thermal decomposition	: no data available
Viscosity, dynamic	: no data available
Viscosity, kinematic	: 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	: Heat, flames and sparks.
Incompatible materials	: Strong oxidizing agents
Hazardous decomposition products	: Decomposition products may include the following materials: Carbon oxides

### 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	: May cause blindness if swallowed.
Inhalation	: Health injuries are not known or expected under normal use.
Chronic Exposure	: May cause cancer. May cause damage to organs. May cause damage to organs through prolonged or repeated exposure. May cause genetic defects.

#### Experience with human exposure

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Eye contact	:	Redness, Pain, Irritation
Skin contact	:	No symptoms known or expected.
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 irritation	:	no data available

Respiratory or skin sensitization	:	no data available
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#### Carcinogenicity

IARC	<b>Group 1: Carcinogenic to humans</b>	
	Ethanol	64-17-5

<b>Group 2B: Possibly carcinogenic to humans</b>	
Phenolphthalein	77-09-8

OSHA	No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.
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NTP	<b>Reasonably anticipated to be a human carcinogen</b>	
	Phenolphthalein	77-09-8

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	:	Ethanol
		LD50 rat: 10,470 mg/kg

### Components

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Acute inhalation toxicity : Ethanol  
LC50 rat: 117 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour

### Components

Acute dermal toxicity : Ethanol  
LD50 rabbit: 15,800 mg/kg

## Section: 12. ECOLOGICAL INFORMATION

### Toxicity

Environmental Effects : This product has no known ecotoxicological effects.

### Components

Toxicity to fish : Ethanol  
LC50 Pimephales promelas (fathead minnow): > 100 mg/l  
Exposure time: 96 h

### Components

Toxicity to daphnia and other aquatic invertebrates : Ethanol  
EC50 Aquatic Invertebrate: 857 mg/l  
Exposure time: 48 h  
  
Phenolphthalein  
EC50 : > 100 mg/l  
Exposure time: 48 h

### Components

Toxicity to fish (Chronic toxicity) : Ethanol  
NOEC: 250 mg/l  
Exposure time: 5 d  
Species: Danio rerio (zebra fish)

### Components

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : Ethanol  
NOEC: 9.6 mg/l  
Exposure time: 7 d  
Species: Aquatic Invertebrate

### Persistence and degradability

no data available

### Mobility

no data available

### Bioaccumulative potential

no data available

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### Other information

no data available

### Section: 13. DISPOSAL CONSIDERATIONS

If this product becomes a waste, it could meet the criteria of a hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Before disposal, it should be determined if the waste meets the criteria of a hazardous waste.

Hazardous Waste:	: D001, U154
Disposal methods	: Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of contents/container in accordance 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.

### 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)

Proper shipping name	: ALCOHOL, N.O.S.
Technical name(s)	: Ethanol
UN/ID No.	: UN 1987
Transport hazard class(es)	: 3
Packing group	: III

#### Air transport (IATA)

Proper shipping name	: ALCOHOL, N.O.S.
Technical name(s)	: Ethanol
UN/ID No.	: UN 1987
Transport hazard class(es)	: 3
Packing group	: III

#### Sea transport (IMDG/IMO)

Proper shipping name	: ALCOHOL, N.O.S.
Technical name(s)	: Ethanol
UN/ID No.	: UN 1987
Transport hazard class(es)	: 3
Packing group	: III

### Section: 15. REGULATORY INFORMATION

TSCA list	: No substances are subject to a Significant New Use Rule.
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No substances are subject to TSCA 12(b) export notification requirements.

### EPCRA - Emergency Planning and Community Right-to-Know Act

#### CERCLA Reportable Quantity

This product does not contain a RQ substance, or this product contains a substance with a RQ, however the calculated RQ exceeds the reasonably attainable upper limit.

#### 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)
- Carcinogenicity
- Reproductive toxicity
- Serious eye damage or eye irritation
- Specific target organ toxicity (single or repeated exposure)

#### SARA 302

- : This material does not contain any components with a section 302 EHS TPQ.

#### SARA 313

- : The following components are subject to reporting levels established by SARA Title III, Section 313:

Phenolphthalein	77-09-8	0.1 - 1 %
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### California Prop. 65

#### **WARNING:** Cancer - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Ethanol	64-17-5
Phenolphthalein	77-09-8

#### **WARNING:** Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Ethanol	64-17-5
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### INTERNATIONAL CHEMICAL CONTROL LAWS :

#### United States TSCA Inventory

On or in compliance with the active portion of the TSCA inventory

#### Canadian Domestic Substances List (DSL)

The substance(s) in this preparation are included in or exempted from the Domestic Substance List (DSL).

#### Taiwan Chemical Substance Inventory

All substances in this product comply with the Taiwan Existing Chemical Substances Inventory (ECSI).

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

All substances in this product comply with the Law Regulating the Manufacture and Importation Of Chemical Substances and are listed on the Existing and New Chemical Substances list (ENCS).

#### China Inventory of Existing Chemical Substances

All substances in this product comply with the Provisions on the Environmental Administration of New Chemical Substances and are listed on or exempt from the Inventory of Existing Chemical Substances China (IECSC).

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

All substances in this product comply with the Republic Act 6969 (RA 6969) and are listed on the Philippines Inventory of Chemicals & Chemical Substances (PICCS).

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

All substances in this product comply with the Chemical Control Act (CCA) and are listed on the Existing Chemicals List (ECL)

### Australia. Australian Industrial Chemicals Introduction Scheme (AICIS)

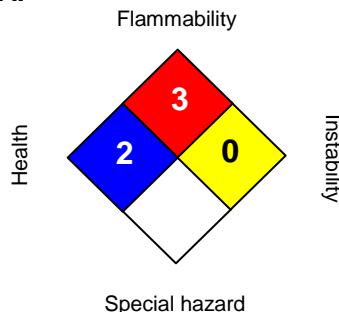
All substances in this product comply with the Australian Industrial Chemicals Introduction Scheme (AICIS)

### New Zealand. Inventory of Chemicals (NZIoC), as published by ERMA New Zealand

All substances in this product comply with the Hazardous Substances and New Organisms (HSNO) Act 1996, and are listed on or are exempt from the New Zealand Inventory of Chemicals.

### Section: 16. OTHER INFORMATION

#### NFPA:



#### HMIS III:

HEALTH	2*
FLAMMABILITY	3
PHYSICAL HAZARD	0

0 = not significant, 1 = Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

Revision Date : 11/09/2022  
Version Number : 2.1  
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.