

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : ECOLAB OCEAN BREEZE

Other means of identification : Not applicable

Recommended use : Air Freshener

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 : 06/25/2019

SECTION 2. HAZARDS IDENTIFICATION
GHS Classification

Flammable liquids : Category 3

Eye irritation : Category 2A

Skin sensitization : Category 1

Specific target organ systemic toxicity - single exposure : Category 3 (Central nervous system)

GHS label elements

Hazard pictograms :




Signal Word : Warning

Hazard Statements : Flammable liquid and vapor.
May cause an allergic skin reaction.
Causes serious eye irritation.
May cause drowsiness or dizziness.

Precautionary Statements : **Prevention:**
Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ ventilating/ lighting/ equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. Wash skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/ eye protection/ face protection.
Response:
IF ON SKIN (or hair): Take off immediately all contaminated clothing.

SAFETY DATA SHEET

ECOLAB OCEAN BREEZE

Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor 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. If skin irritation or rash occurs: Get medical advice/ attention. If eye irritation persists: Get medical advice/ attention. Wash contaminated clothing before reuse. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Storage:

Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up.

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 (%)
naphtha (petroleum), hydrotreated heavy	64742-48-9	30 - 60
7-octen-2-ol, 2,6-dimethyl-	18479-58-8	10 - 30
Sweet orange peel tincture	8028-48-6	5 - 10
Decanal	112-31-2	1 - 5
Acetic acid, (3-methylbutoxy)-, 2-propenyl ester	67634-00-8	1 - 5
3-Cyclohexene-1-carboxaldehyde, 2,4-dimethyl-	68039-49-6	0.1 - 1
solvents /additives	86803-90-9	0.1 - 1
2-Buten-1-one, 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-	57378-68-4	0.1 - 1
Cinnamal	104-55-2	0.1 - 1
phenethyl alcohol	60-12-8	0.1 - 1

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	: 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.
If swallowed	: Rinse mouth. Get medical attention if symptoms occur.
If inhaled	: Remove to fresh air. Treat symptomatically. 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

SAFETY DATA SHEET

ECOLAB OCEAN BREEZE

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. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.
Hazardous combustion products	: Decomposition products may include the following materials: Carbon oxides
Special protective equipment for fire-fighters	: 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	: 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	: Do not get in eyes, on skin, or on clothing. Do not breathe dust/ fume/ gas/ mist/ vapors/ spray. Use only with adequate ventilation. 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 in a cool, well-ventilated place. Keep away from oxidizing agents. Keep out of reach of children. Keep container tightly closed. Store in suitable labeled containers.
Storage temperature	: 5 °C to 45 °C

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

SAFETY DATA SHEET

ECOLAB OCEAN BREEZE

Ingredients with workplace control parameters

Components	CAS-No.	Form of exposure	Permissible concentration	Basis
naphtha (petroleum), hydrotreated heavy	64742-48-9	TWA	500 ppm 2,000 mg/m ³	OSHA Z1

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

Personal protective equipment

Eye protection : Wear eye protection/ face protection.

Hand protection : Wear the following personal protective equipment:
Standard glove type.
Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Skin protection : No special protective equipment required.

Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

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	: liquid
Color	: light yellow
Odor	: Perfumes, fragrances
pH	: 7.0, (100 %)
Flash point	: 57 °C closed cup, Sustains combustion
Odor Threshold	: No data available
Melting point/freezing point	: No data available
Initial boiling point and boiling range	: No data available
Evaporation rate	: No data available
Flammability (solid, gas)	: No data available
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	: 0.832 - 0.954
Water solubility	: No data available
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: No data available

SAFETY DATA SHEET

ECOLAB OCEAN BREEZE

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	: Heat, flames and sparks.
Incompatible materials	: Acids Bases
Hazardous decomposition products	: In case of fire hazardous decomposition products may be produced such as: Carbon oxides

SECTION 11. TOXICOLOGICAL INFORMATION

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

Eyes	: Causes serious eye irritation.
Skin	: May cause allergic skin reaction.
Ingestion	: Health injuries are not known or expected under normal use.
Inhalation	: Inhalation may cause central nervous system effects.
Chronic Exposure	: Health injuries are not known or expected under normal use.

Experience with human exposure

Eye contact	: Redness, Pain, Irritation
Skin contact	: Redness, Irritation, Allergic reactions
Ingestion	: No symptoms known or expected.
Inhalation	: Dizziness, Drowsiness

Toxicity

Product

SAFETY DATA SHEET

ECOLAB OCEAN BREEZE

Acute oral toxicity	: Acute toxicity estimate : 4,063 mg/kg
Acute inhalation toxicity	: 4 h Acute toxicity estimate : 15.33 mg/l Test atmosphere: dust/mist
Acute dermal toxicity	: Acute toxicity estimate : > 5,000 mg/kg
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

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Environmental Effects : Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

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 : Decanal
96 h LC50 Oncorhynchus mykiss (rainbow trout): 1.45 mg/l

Acetic acid, (3-methylbutoxy)-, 2-propenyl ester
96 h LC50 Fish: 0.768 mg/l

Cinnamal
96 h LC50: 103.085 mg/l

phenethyl alcohol
96 h LC50 Fish: 215 mg/l

Components

Toxicity to daphnia and other aquatic invertebrates : Sweet orange peel tincture
48 h EC50: 1.1 mg/l

Decanal
48 h EC50 Daphnia magna (Water flea):
Acetic acid, (3-methylbutoxy)-, 2-propenyl ester
48 h LC50: 5.09 mg/l

SAFETY DATA SHEET

ECOLAB OCEAN BREEZE

Cinnamal
48 h EC50 *Daphnia magna* (Water flea): 119.56 mg/l

Components

Toxicity to algae : 7-octen-2-ol, 2,6-dimethyl-
72 h EC50: 38 mg/l

Decanal
72 h EC50 *Pseudokirchneriella subcapitata* (green algae): 4.5 mg/l
72 h NOEC *Pseudokirchneriella subcapitata* (green algae): 0.759 mg/l

Acetic acid, (3-methylbutoxy)-, 2-propenyl ester
96 h LC50: 2.06 mg/l

Cinnamal
72 h NOEC: 37.2314 mg/l

Persistence and degradability

Biodegradable

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)

UN number : 1169
Description of the goods : Extracts, aromatic, liquid
Class : 3
Packing group : III
Environmentally hazardous : no

Sea transport (IMDG/IMO)

SAFETY DATA SHEET

ECOLAB OCEAN BREEZE

UN number : 1169
Description of the goods : EXTRACTS, AROMATIC, LIQUID
Class : 3
Packing group : III
Marine pollutant : yes

SECTION 15. REGULATORY INFORMATION

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
Respiratory or skin sensitization
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 : 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)
naphtha (petroleum), hydrotreated heavy	64742-48-9	Diluent	2, 7
7-octen-2-ol, 2,6-dimethyl-	18479-58-8	Fragrance	Not Applicable
Sweet orange peel tincture	8028-48-6	Fragrance	Not Applicable
Decanal	112-31-2	Fragrance	Not Applicable
Isobornyl acetate	125-12-2	Fragrance	Not Applicable
Acetic acid, (3-methylbutoxy)-, 2-propenyl ester	67634-00-8	Fragrance	Not Applicable
nonanal	124-19-6	Fragrance	Not Applicable
Benzoic acid, 2-amino-, methyl ester	134-20-3	Fragrance	Not Applicable
3-Cyclohexene-1-carboxaldehyde, 2,4-dimethyl-	68039-49-6	Fragrance	Not Applicable
dodecanal	112-54-9	Fragrance	Not Applicable
Octanal	124-13-0	Fragrance	Not Applicable
Pentanoic acid, 2-methyl-, ethyl ester	39255-32-8	Fragrance	Not Applicable
oxydipropanol	25265-71-8	Fragrance	Not Applicable
Perfume ingredient	28219-61-6	Fragrance	Not Applicable
solvents /additives	86803-90-9	Fragrance	Not Applicable

SAFETY DATA SHEET

ECOLAB OCEAN BREEZE

Citral	5392-40-5	Fragrance	FRA
Undecanal, 2-methyl-	110-41-8	Fragrance	Not Applicable
1-methyl-4-(4-methyl-3-pentenyl)cyclohex-3-ene-1-carbaldehyde	52475-86-2	Fragrance	Not Applicable
Ionone, methyl-	1335-46-2	Fragrance	Not Applicable
Dipropylene glycol methyl ether	34590-94-8	Fragrance	Not Applicable
Alpha-Isomethyl Ionone	127-51-5	Fragrance	FRA
solvents /additives	8014-09-3	Fragrance	Not Applicable
solvents /additives	101-48-4	Fragrance	Not Applicable
methyl 3-oxo-2-pentylcyclopentaneacetate	24851-98-7	Fragrance	Not Applicable
Perfume ingredient	8006-81-3	Fragrance	Not Applicable
Terpineol, acetate	8007-35-0	Fragrance	Not Applicable
2-Buten-1-one, 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-	57378-68-4	Fragrance	Not Applicable
Resin acids and Rosin acids, hydrogenated, Me esters	8050-15-5	Fragrance	Not Applicable
1,6-Octadien-3-ol, 3,7-dimethyl-, 3-acetate	115-95-7	Fragrance	Not Applicable
solvents /additives	507-70-0	Fragrance	Not Applicable
TRIETHYL CITRATE	77-93-0	Fragrance	Not Applicable
Benzaldehyde, 3-ethoxy-4-hydroxy-	121-32-4	Fragrance	22
solvents /additives	4707-47-5	Fragrance	Not Applicable
Hexyl cinnamal	101-86-0	Fragrance	FRA
Cinnamal	104-55-2	Fragrance	FRA
Citronellol	106-22-9	Fragrance	FRA
phenethyl alcohol	60-12-8	Fragrance	Not Applicable
4,7-Methano-1H-indenol, 3a,4,5,6,7,7a-hexahydro-, propanoate	68912-13-0	Fragrance	Not Applicable
Oils, orange, sweet	8008-57-9	Fragrance	Not Applicable
Coumarin	91-64-5	Fragrance	FRA
Nonionic surfactants	110-27-0	Fragrance	Not Applicable
Perfumes	84625-32-1	Fragrance	Not Applicable
solvents /additives	5413-60-5	Fragrance	Not Applicable
Eugenol	97-53-0	Fragrance	FRA

*refer to ecolab.com/sds for electronic links to designated lists

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

Switzerland. New notified substances and declared preparations :

The mixture contains substances listed on the Swiss Inventory

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

SAFETY DATA SHEET

ECOLAB OCEAN BREEZE

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

Korea. Korean Existing Chemicals Inventory (KECI) :
not determined

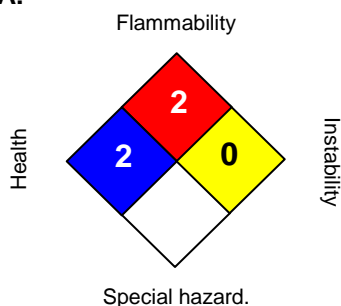
Philippines Inventory of Chemicals and Chemical Substances (PICCS) :
On the inventory, or in compliance with the inventory

China. Inventory of Existing Chemical Substances in China (IECSC) :
On the inventory, or in compliance with the inventory

Taiwan Chemical Substance Inventory (TCSI) :
not determined

SECTION 16. OTHER INFORMATION

NFPA:



HMIS III:

HEALTH	2*
FLAMMABILITY	2
PHYSICAL HAZARD	0

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

Issuing date : 06/25/2019
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.