

Section 1. Chemical product and company identification

Product name : ECOLAB OCEAN BREEZE
Recommended use and restrictions : Air Freshener
Use only for the purpose on the product label.

Product dilution information : Not applicable

Supplier's information : Ecolab Inc.
370 N. Wabasha Street
St. Paul, MN 55102
1-800-325-1671

Code : 912454-01

Date of issue : **29 Jan 2014**

EMERGENCY HEALTH INFORMATION: 1-800-328-0026
Outside United States and Canada CALL 1-651-222-5352 (in USA)

Section 2. Hazards identification

GHS Classification : **Product AS SOLD**
FLAMMABLE LIQUIDS - Category 3
SKIN CORROSION/IRRITATION - Category 2
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2B
SKIN SENSITIZATION - Category 1
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) [Respiratory tract irritation and Narcotic effects] - Category 3

GHS label elements

Signal word : Warning

Symbol : 

Hazard statements : Flammable liquid and vapor.
Causes skin and eye irritation.
May cause an allergic skin reaction.
May cause respiratory irritation.
May cause drowsiness and dizziness.

Precautionary statements

Prevention : Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Keep container tightly closed. Use only outdoors or in a well-ventilated area. Avoid breathing vapor. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace.

Response :

Product AT USE DILUTION

Product is sold ready to use.

Section 2. Hazards identification

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical attention. 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 attention.

Storage : Store in a well-ventilated place. Keep cool.
Disposal : See section 13 for waste disposal information.
Other hazards : None known.

Section 3. Composition/information on ingredients

Substance/mixture : Mixture

Product AS SOLD

| Hazardous ingredients | Concentration Range (%) | CAS number |
|--|-------------------------|------------|
| naphtha (petroleum), hydrotreated heavy | >50 | 64742-48-9 |
| 2,6-DIMETHYL-7-OCTEN-2-OL | 20 - 50 | 18479-58-8 |
| Limonene | 5 - 20 | 5989-27-5 |
| DECANAL | 1 - 5 | 112-31-2 |
| acetic acid, (3-methylbutoxy)-, 2-propenyl ester | 1 - 5 | 67634-00-8 |

Product AT USE DILUTION

| Hazardous ingredients | Concentration Range (%) | CAS number |
|-------------------------------|-------------------------|------------|
| Product is sold ready to use. | | |

Section 4. First aid measures

| | Product AS SOLD | Product AT USE DILUTION |
|-----------------------------------|---|-------------------------------|
| Eye contact | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists. | Product is sold ready to use. |
| Skin contact | : Take off contaminated clothing. Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse. | |
| Inhalation | : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if you feel unwell. | |
| Ingestion | : Get medical attention if symptoms occur. | |
| Protection of first-aiders | : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. | |
| Notes to physician | : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. | |

Section 4. First aid measures

See toxicological information (section 11)

Section 5. Fire-fighting measures

Product AS SOLD

- Suitable fire extinguishing media** : Use dry chemical, CO₂, water spray (fog) or foam.
- Specific hazards arising from the chemical** : Flammable liquid and vapor. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
- Hazardous thermal decomposition products** : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
- Specific fire-fighting methods** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Product AS SOLD

- Personal precautions** : Eliminate all ignition sources. Use personal protective equipment as required. Do not touch or walk through spilled material.
- Environmental precautions** : Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.
- Methods for cleaning up** : If emergency personnel are not present, contain and collect small spillages with non-combustible absorbent material, e.g. sand, earth or other suitable material and place in a suitable container for disposal. Use a water rinse for final clean-up.

Product AT USE DILUTION

Product is sold ready to use.

Section 7. Handling and storage

Product AS SOLD

- Handling** : Avoid contact with eyes, skin and clothing. Keep away from heat, sparks and flame. To avoid fire, eliminate ignition sources. Use only with adequate ventilation. Wash thoroughly after handling.
- Storage** : Keep out of reach of children. Keep container tightly closed. Keep container tightly closed and sealed until ready for use. Keep container in a cool, well-ventilated area. Avoid all possible sources of ignition (spark or flame). Store in a segregated and approved area.
- Store between the following temperatures: 5 and 45°C

Product AT USE DILUTION

Product is sold ready to use.

Section 8. Exposure controls/personal protection

Control parameters

| Ingredient name | Exposure limits |
|-----------------|--|
| Limonene | AIHA WEEL (United States, 5/2010). TWA: 30 ppm 8 hours. |

| | | |
|---|---|--------------------------------|
| Appropriate engineering controls | Product AS SOLD | Product AT USE DILUTION |
| | : Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. | Product is sold ready to use. |
| Personal protection | | |
| Eye protection | : No protective equipment is needed under normal use conditions. | |
| Hand protection | : Due to the form and packaging of the product, no protective equipment is needed under normal use conditions. | |
| Skin protection | : No protective equipment is needed under normal use conditions. | |
| Respiratory protection | : A respirator is not needed under normal and intended conditions of product use. | |
| Hygiene measures | : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. | |

Section 9. Physical and chemical properties

| | | |
|---|------------------------------|--------------------------------|
| Physical state | Product AS SOLD | Product AT USE DILUTION |
| | : Liquid. | Product is sold ready to use. |
| Color | : Colorless to light yellow | |
| Odor | : Fragrance-like | |
| pH | : 7 (100%) | |
| Flash point | : 57 °C (Closed cup) | |
| Explosion limits | : Not available. | |
| Flammability (solid, gas) | : Not available. | |
| Melting point | : Not available. | |
| Boiling point | : Not available. | |
| Evaporation rate (butyl acetate = 1) | : Not available. | |
| Vapor pressure | : Not available. | |
| Vapor density | : Not available. | |
| Relative density | : 0.832 to 0.954 (Water = 1) | |
| Solubility | : Not available. | |
| Partition coefficient: n-octanol/water | : Not available. | |

Section 9. Physical and chemical properties

| | |
|---------------------------|--|
| Auto-ignition temperature | : Not available. |
| Decomposition temperature | : Not available. |
| Odor threshold | : Not available. |
| Viscosity | : Kinematic (room temperature): 0 cm ² /s (0 cSt) |

Section 10. Stability and reactivity

Product AS SOLD

| | |
|------------------------------------|---|
| Stability | : The product is stable. |
| Possibility of hazardous reactions | : Under normal conditions of storage and use, hazardous reactions will not occur. |
| Conditions to avoid | : Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. |
| Materials to avoid | : Slightly reactive or incompatible with the following materials: acids and alkalis. |
| Hazardous decomposition products | : Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

Section 11. Toxicological information

| | |
|-------------------|--|
| Route of exposure | : Skin contact, Eye contact, Inhalation, Ingestion |
|-------------------|--|

Product AS SOLD

Symptoms

| | |
|--------------|---|
| Eye contact | : Adverse symptoms may include the following: irritation watering redness |
| Skin contact | : Adverse symptoms may include the following: irritation redness |
| Inhalation | : Adverse symptoms may include the following: coughing nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness Respiratory tract irritation |
| Ingestion | : No specific data. |

Acute toxicity

| | |
|--------------|--|
| Eye contact | : Causes serious eye irritation. |
| Skin contact | : Causes skin irritation. May cause an allergic skin reaction. |
| Inhalation | : Can cause central nervous system (CNS) depression. May cause drowsiness and dizziness. May cause respiratory irritation. |
| Ingestion | : Can cause central nervous system (CNS) depression. |

Toxicity data

Product/ingredient name

Product AT USE DILUTION

Product is sold ready to use.

Section 11. Toxicological information

| | | | |
|---|-----------------------|--------|-------------|
| naphtha (petroleum), hydrotreated heavy | LC50 Inhalation Vapor | Rat | >5 mg/l |
| | LD50 Dermal | Rabbit | >2000 mg/kg |
| | LD50 Oral | Rat | >5000 mg/kg |
| (r)-p-mentha-1,8-diene | LD50 Dermal | Rabbit | >5000 mg/kg |
| | LD50 Oral | Rat | 4400 mg/kg |

Chronic toxicity

| | |
|------------------------------|---|
| Carcinogenicity | : No known significant effects or critical hazards. |
| Mutagenicity | : No known significant effects or critical hazards. |
| Teratogenicity | : No known significant effects or critical hazards. |
| Developmental effects | : No known significant effects or critical hazards. |
| Fertility effects | : No known significant effects or critical hazards. |

Section 12. Ecological information

Product AS SOLD

| | |
|--------------------|--|
| Ecotoxicity | : Water polluting material. May be harmful to the environment if released in large quantities. This material is toxic to aquatic life with long lasting effects. |
|--------------------|--|

Aquatic and terrestrial toxicity

| Product/ingredient name | Result | Species | Exposure |
|-------------------------|--------|---------|----------|
| Not available. | | | |

| | |
|------------------------------|---|
| Other adverse effects | : No known significant effects or critical hazards. |
|------------------------------|---|

Section 13. Disposal considerations

| | |
|----------------------------|--|
| Product AS SOLD | |
| Disposal methods | : Avoid disposal. Attempt to use product completely in accordance with intended use. Disposal should be in accordance with applicable regional, national and local laws and regulations. |
| RCRA classification | : Unused product is D001 (Ignitable) |

Product AT USE DILUTION

Product is sold ready to use.

Section 14. Transport information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

DOT

| | |
|---------------------------|----------------|
| DOT Classification | Not regulated. |
|---------------------------|----------------|

IMO/IMDG

| | |
|--------------------------------------|---|
| IMO/IMDG Classification | UN1169 |
| IMO/IMDG Proper shipping name | EXTRACTS, AROMATIC, LIQUID. Marine pollutant, Limited quantity. |
| Class | 3 |
| Packing group | III |

For transport in bulk, see shipping documents for specific transportation information.

Product AT USE DILUTION

Not intended for transport.

Section 15. Regulatory information

Product AS SOLD

U.S. Federal regulations

TSCA 8(b) inventory : All components are listed or exempted.

SARA 302/304/311/312 **extremely hazardous substances**: No listed substance

SARA 302/304 emergency planning and notification: No listed substance

SARA 313

Product name

CAS number

Concentration

Form R - Reporting requirements : No listed substance

California Prop. 65 : No listed substance

Section 16. Other information

Product AS SOLD

Hazardous Material :
Information System (U.S.A.)

| | | |
|------------------|---|---|
| Health | * | 2 |
| Flammability | | 1 |
| Physical hazards | | 0 |
| | | |

National Fire Protection Association (U.S.A.) :



Date of issue : 29 Jan 2014
Prepared by : Regulatory Affairs
1-800-352-5326

Notice to reader

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.