



## SAFETY DATA SHEET

### KEYSTONE AIR & FABRIC FRESHENER

#### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : KEYSTONE AIR & FABRIC FRESHENER

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 Co.  
5105 Tomken Road  
Mississauga, Ontario Canada L4W 2X5  
1-800-352-5326

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

Issuing date : 06/03/2014

#### SECTION 2: HAZARDS IDENTIFICATION

Physical and chemical hazards : Not flammable or combustible.

##### Potential Health Effects

Eyes : Causes eye irritation.

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.

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

Pure substance/mixture : Mixture

| Chemical Name                  | CAS-No.    | Concentration: (%) |
|--------------------------------|------------|--------------------|
| Fattyalcohol ethoxylates > 5EO | 68131-39-5 | 1 - 5              |
| Isoeugenol                     | 97-54-1    | 0 - 0.1            |

#### SECTION 4: FIRST AID MEASURES

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.

## SAFETY DATA SHEET

### KEYSTONE AIR & FABRIC FRESHENER

Notes to physician : Treat symptomatically.

**See toxicological information (Section 11)**

#### SECTION 5: FIREFIGHTING 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 firefighting : Not flammable or combustible.
- Hazardous combustion products : Decomposition products may include the following materials:  
Carbon oxides  
nitrogen oxides (NOx)  
Sulphur oxides  
Oxides of phosphorus
- Special protective equipment for firefighters : 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.
- Risk of explosion. : Not available.

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : 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 : 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

- Advice on safe handling : Wash hands thoroughly after handling.
- Conditions for safe storage : Keep out of reach of children. Store in suitable labeled containers.
- Storage temperature : 10 °C to 45 °C

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

**Components with workplace control parameters**

## SAFETY DATA SHEET

### KEYSTONE AIR & FABRIC FRESHENER

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 : 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 : Handle in accordance with good industrial hygiene and safety practice.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

|                                         |                                                 |
|-----------------------------------------|-------------------------------------------------|
| Appearance                              | : liquid                                        |
| Colour                                  | : clear, light yellow                           |
| Odour                                   | : Perfumes, fragrances                          |
| pH                                      | : 8.9 - 9.4, 100 %                              |
| Flash point                             | : Not applicable., Does not sustain combustion. |
| Odour 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)               | : no data available                             |
| Upper explosion limit                   | : no data available                             |
| Lower explosion limit                   | : no data available                             |
| Vapour pressure                         | : no data available                             |
| Relative vapour density                 | : no data available                             |
| Relative density                        | : 0.995 - 1.005                                 |
| Water solubility                        | : soluble                                       |
| 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, kinematic                    | : 1.002 mm <sup>2</sup> /s (40 °C)              |
| Explosive properties                    | : no data available                             |
| Oxidizing properties                    | : no data available                             |
| Molecular weight                        | : no data available                             |

## SAFETY DATA SHEET

### KEYSTONE AIR & FABRIC FRESHENER

VOC : no data available

#### SECTION 10: STABILITY AND REACTIVITY

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:  
Carbon oxides  
nitrogen oxides (NOx)  
Sulphur oxides  
Oxides of phosphorus

#### SECTION 11: TOXICOLOGICAL INFORMATION

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

##### Potential Health Effects

Eyes : Causes eye irritation.

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.

##### Experience with human exposure

Eye contact : Redness, Irritation

Skin contact : No symptoms known or expected.

Ingestion : No symptoms known or expected.

Inhalation : No symptoms known or expected.

##### Toxicity

Acute oral toxicity : no data available

Acute inhalation toxicity : no data available

Acute dermal toxicity : no data available

Skin corrosion/irritation : no data available

## SAFETY DATA SHEET

### KEYSTONE AIR & FABRIC FRESHENER

Serious eye damage/eye irritation : Mild 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 oral toxicity : Fattyalcohol ethoxylates > 5EO  
LD50 rat: 1,700 mg/kg

Isoeugenol  
LD50 rat: 1,560 mg/kg

#### Components

Acute dermal toxicity : Fattyalcohol ethoxylates > 5EO  
LD50 rat: > 2,000 mg/kg

Isoeugenol  
LD50 rabbit: 1,770 mg/kg

## SECTION 12: ECOLOGICAL INFORMATION

#### Ecotoxicity

Environmental Effects : This product has no known ecotoxicological 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 : Fattyalcohol ethoxylates > 5EO  
96 h LC50 Fish : 1.4 mg/l

#### Components

Toxicity to daphnia and other aquatic invertebrates : Isoeugenol  
LC50: 7.5 mg/l

#### Persistence and degradability

no data available

#### Bioaccumulative potential

no data available

## SAFETY DATA SHEET

### KEYSTONE AIR & FABRIC FRESHENER

#### Mobility in soil

no data available

#### Other adverse effects

no data available

### SECTION 13: DISPOSAL CONSIDERATIONS

- Disposal methods : 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.

### 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 (TDG)

Not dangerous goods

#### Sea Transport (IMDG/IMO)

Not dangerous goods

### SECTION 15: REGULATORY INFORMATION

**WHMIS Classification** : Not regulated under WHMIS.

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

**The components of this product are reported in the following inventories:**

#### 1907/2006 (EU) :

not determined

#### Switzerland. New notified substances and declared preparations :

not determined

#### United States TSCA Inventory :

On TSCA Inventory

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

All components of this product are on the Canadian DSL.

#### Australia. Industrial Chemical (Notification and Assessment) Act :

not determined

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

On the inventory, or in compliance with the inventory

## SAFETY DATA SHEET

### KEYSTONE AIR & FABRIC FRESHENER

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

**Japan. ISHL - Inventory of Chemical Substances (METI) :**  
not determined

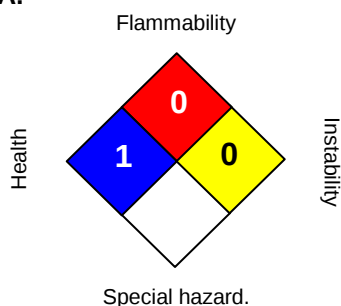
**Korea. Korean Existing Chemicals Inventory (KECI) :**  
not determined

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

**China Inventory of Existing Chemical Substances :**  
not determined

### SECTION 16: OTHER INFORMATION

#### NFPA:



#### HMIS III:

|                 |   |
|-----------------|---|
| HEALTH          | 1 |
| FLAMMABILITY    | 0 |
| PHYSICAL HAZARD | 0 |

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

Issuing date : 06/03/2014  
version : 1.0  
Prepared by : Regulatory Affairs 1-800-352-5326

**REVISED INFORMATION:** Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the MSDS.

The information provided in this Material 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 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.