

# Material Safety Data Sheet



KEYSTONE ORANGE MULTI-SURFACE CLEANER READY-TO-USE

## 1. Product and company identification

Trade name of product : KEYSTONE ORANGE MULTI-SURFACE CLEANER READY-TO-USE

Product use : Cleaning product

Product dilution information : Not applicable

Supplier's information : Ecolab Co.  
5105 Tomken Road  
Mississauga ON L4W 2X5  
1-800-352-5326

Code : 910226-04

Date of issue : 27-March-2012

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

## 2. Hazards identification

Product AS SOLD

Physical state : Liquid.

Emergency overview : CAUTION !

No specific hazard.

No specific hazard.

Routes of entry : Skin contact, Eye contact, Inhalation, Ingestion

### Potential acute health effects

Product AS SOLD

Eyes : No known significant effects or critical hazards.

Skin : No known significant effects or critical hazards.

Inhalation : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

See toxicological information (Section 11)

Product AT USE DILUTION

Product is sold ready to use.

Product AT USE DILUTION

Product is sold ready to use.

## 3. Composition/information on ingredients

Product AT USE DILUTION

Name

CAS number

% by weight

Product is sold ready to use.

Within the present knowledge of the supplier, this product does not contain any hazardous ingredients in quantities requiring reporting, in accordance with local regulations.

## 4. First-aid measures

Product AS SOLD

Eye contact : No known effect after eye contact. Rinse with water for a few minutes.

Skin contact : No known effect after skin contact. Rinse with water for a few minutes.

Inhalation : No special measures required. Treat symptomatically.

Ingestion : Get medical attention if symptoms occur.

Product AT USE DILUTION

Product is sold ready to use.

## 5. Fire-fighting measures

### Product AS SOLD

**Auto-ignition temperature** : Not available.

**Flammable limits** : Not available.

**Hazardous thermal decomposition products** : No specific data.

**Special remarks on fire hazards** : Not available.

**Special remarks on explosion hazards** : Not available.

**Fire-fighting media and instructions** : Use an extinguishing agent suitable for the surrounding fire.

Dyke area of fire to prevent runoff.

In a fire or if heated, a pressure increase will occur and the container may burst.

**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.

## 6. Accidental release measures

**Product AS SOLD**

**Personal precautions** : Use personal protective equipment as required.

**Environmental precautions** : Avoid contact of large amounts of spilt material and runoff with soil and surface waterways.

**Methods for cleaning up** : Use a water rinse for final clean-up.

**Product AT USE DILUTION**  
Product is sold ready to use.

## 7. Handling and storage

**Product AS SOLD**

**Handling** : Wash thoroughly after handling.

**Storage** : Keep out of reach of children.  
Do not store above the following temperature: 50°C

**Product AT USE DILUTION**  
Product is sold ready to use.

## 8. Exposure controls/personal protection

**Product AS SOLD**

**Engineering measures** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

### Personal protection

**Eyes** : No protective equipment is needed under normal use conditions.

**Hands** : No protective equipment is needed under normal use conditions.

**Skin** : No protective equipment is needed under normal use conditions.

**Respiratory** : No special protection is required.

**Product AT USE DILUTION**  
Product is sold ready to use.

Product is sold ready to use.

Occupational exposure limits		TWA (8 hours)			STEL (15 mins)			Ceiling			
Ingredient	List name	ppm	mg/m <sup>3</sup>	Other	ppm	mg/m <sup>3</sup>	Other	ppm	mg/m <sup>3</sup>	Other	Notations
No exposure limit value known.											

Consult local authorities for acceptable exposure limits.

## 9. Physical and chemical properties

Product AS SOLD	
Physical state	: Liquid.
Flash point	: > 100°C
Colour	: Orange
Odour	: citrus
pH	: 6 to 8.5 [Conc. (% w/w): 100%]
Boiling/condensation point	: >100°C (>212°F)
Melting/freezing point	: Not available.
Relative density	: 1
Vapour pressure	: Not available.
Vapour density	: Not available.
Odour threshold	: Not available.
Evaporation rate	: Not available.
Viscosity	: Not available.
Dispersibility properties	: Not available.
Solubility	: Not available.
LogK <sub>ow</sub>	: Not available.

### Product AT USE DILUTION

Product is sold ready to use.

## 10. Stability and reactivity

### Product AS SOLD

Stability	: The product is stable. Under normal conditions of storage and use, hazardous polymerisation will not occur.
Conditions of instability	: Not available.
Reactivity	: Not available.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Hazardous polymerisation	: Under normal conditions of storage and use, hazardous polymerisation will not occur.

## 11. Toxicological information

### Potential acute health effects

Product AS SOLD	
Eyes	: No known significant effects or critical hazards.
Skin	: No known significant effects or critical hazards.
Inhalation	: No known significant effects or critical hazards.
Ingestion	: No known significant effects or critical hazards.

### Product AT USE DILUTION

Product is sold ready to use.

### Product AS SOLD

### Potential chronic health effects

Carcinogenic effects	: No known significant effects or critical hazards.
Mutagenic effects	: No known significant effects or critical hazards.
Teratogenic effects	: No known significant effects or critical hazards.
Reproductive effects	: No known significant effects or critical hazards.
Sensitization to Product	: No known significant effects or critical hazards.
Synergistic products (toxicologically)	: Not available.

## 11. Toxicological information

### Toxicity data

Product/ingredient name	Test	Route	Result	Species
Not available.				

### Other adverse effects

Target organs : Not available.

## 12. Ecological information

Ecotoxicity : Not reported

## 13. Disposal considerations

**Product AS SOLD**  
Waste disposal : Diluted product can be flushed to sanitary sewer.  
Discard empty container in trash.

**Product AT USE DILUTION**  
Product is sold ready to use.

## 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.

**Product AS SOLD**  
TDG Classification : Not regulated.

For transport in bulk or using IMDG regulations, see shipping documents for specific transportation information.

## 15. Regulatory information

**Product AS SOLD**  
WHMIS : Not hazardous by WHMIS criteria.

**Product AT USE DILUTION**  
Product is sold ready to use.

Canada inventory : At least one component is not listed in DSL but all such components are listed in NDSL.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

## 16. Other information

**Product AS SOLD**  
Hazardous Material :  
Information System (U.S.A.)

Health	0
Flammability	0
Physical hazards	0

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



## **16. Other information**

**Date of issue** : 27-March-2012  
**Responsible name** : Regulatory Affairs  
1-800-352-5326

▣ Indicates information that has changed from previously issued version.

### **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.**