

# Material Safety Data Sheet

SPECIALTY OVEN RINSE

ECOLAB

SPECIALTY OVEN RINSE

16 March 2011

## 1. Product and company identification

Trade name of product : SPECIALTY OVEN RINSE  
Product use : Cleaning product  
Product dilution information : Up to 10 oz/gal in water

### Supplier's Information

: Ecolab Inc. Institutional Division  
370 N. Wabasha Street  
St. Paul, MN 55102  
1-800-352-5326

### Code

: 911775-02  
: 16-March-2011

### Date of Issue

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 : WARNING!  
Overview

CAUSES EYE AND SKIN IRRITATION.  
MAY CAUSE RESPIRATORY TRACT IRRITATION.  
Avoid contact with eyes, skin and clothing. Avoid breathing vapors, spray or mists. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

### Product AT USE DILUTION

Liquid.  
CAUTION!  
No specific hazard  
No specific hazard

### Potential acute health effects

### Product AS SOLD

Eyes : Irritating to eyes.

Skin : Irritating to skin.

Inhalation : Moderately irritating to the respiratory system.

Ingestion : No known significant effects or critical hazards.

### Product AT USE DILUTION

No known significant effects or critical hazards.  
No known significant effects or critical hazards.  
No known significant effects or critical hazards.  
No known significant effects or critical hazards.  
No known significant effects or critical hazards.

### See toxicological information (section 11)

## 3. Composition/information on ingredients

### Product AS SOLD

Name : CITRIC ACID  
CAS number : 77-92-9  
% by weight : 5 - 20

### Product AT USE DILUTION

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

## 4. First aid measures

### Product AS SOLD

Eye contact : In case of contact, immediately flush eyes with plenty of water. Remove contact lenses and flush again. Get medical attention if irritation persists.  
Skin contact : In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if irritation persists. Wash clothing before reuse. Clean shoes thoroughly before reuse.

### Product AT USE DILUTION

No known effect after eye contact. Rinse with water for a few minutes.  
No known effect after skin contact. Rinse with water for a few minutes.  
No special measures required. Treat symptomatically.  
Get medical attention if symptoms occur.

### Inhalation

: If inhaled, remove to fresh air.

### Ingestion

: Get medical attention if symptoms occur.

## 5. Fire-fighting measures

### Product AS SOLD

Hazardous thermal decomposition products

: Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide

Fire-fighting media and instructions

: Use an extinguishing agent suitable for the surrounding fire.

Special protective equipment for fire-fighters

Dike area of fire to prevent runoff.  
In a fire or if heated, a pressure increase will occur and the container may burst.  
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 spilled material and runoff with soil and surface waterways.

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

### Product AT USE DILUTION

Use personal protective equipment as required.  
Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.  
Use a water rinse for final clean-up.

## 7. Handling and storage

### Product AS SOLD

Handling : Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Do not mix with bleach or other chlorinated products - will cause chlorine gas.  
Storage : Keep out of reach of children. Store in a closed container.  
Do not store above the following temperature: 50°C

### Product AT USE DILUTION

Wash thoroughly after handling.  
Keep out of reach of children.

## 8. Exposure controls/personal protection

**8. Exposure controls/personal protection****Product AS SOLD**

**Engineering measures** : 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.

**Personal protection**

**Eyes** : Safety eyewear should be used when there is a likelihood of exposure.

**Hands** : For prolonged or repeated handling, use the following type of gloves: Imperious gloves.

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

**Respiratory** : Avoid breathing vapors, spray or mists.

Consult local authorities for acceptable exposure limits.

**9. Physical and chemical properties****Product AS SOLD**

**Physical state** : Liquid.

**Flash point** : > 100°C

**Color** : pink

**Odor** : Faint odor

**pH** : 1.64 [Conc. (% w/w): 100%]

**Boiling/condensation point** : 100°C (212°F)

**Relative density** : 1.0437

**Product AT USE DILUTION**

Liquid.  
> 100°C  
pink [Light]  
Faint odor  
2.3

**Product AT USE DILUTION**

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

No protective equipment is needed under normal use conditions.

No protective equipment is needed under normal use conditions.

No protective equipment is needed under normal use conditions.

No special protection is required.

**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.

**RCRA classification** : Unused product is D002 (Corrosive)

**Product AT USE DILUTION**

Diluted product can be flushed to sanitary sewer. Discard empty container in trash.

**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**  
DOT Classification : Not regulated.

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

**Product AT USE DILUTION**

Not intended for transport.

**15. Regulatory information****Product AS SOLD**

**HCS Classification** : Irritating material

**Product AS SOLD**

**Product AT USE DILUTION**

Not regulated.

**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**  
**Form R - Reporting requirements** : No listed substance  
**California Prop. 65** : No listed substance

**CAS number** **Concentration**

**16. Other information****Product AS SOLD**

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

**Potential acute health effects****Product AS SOLD**

**Eyes** : Irritating to eyes.

**Skin** : Irritating to skin.

**Inhalation** : Moderately irritating to the respiratory system.

**Ingestion** : No known significant effects or critical hazards.

**Product AT USE DILUTION**

No known significant effects or critical hazards.

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No known significant effects or critical hazards.

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

Health	2
Flammability	0
Physical hazards	0

**Product AT USE DILUTION**

Health	0
Flammability	0
Physical hazards	0

**16. Other Information**

Health  Flammability  
Instability/Reactivity  
Special

Health  Flammability  
Instability/Reactivity  
Special

Date of Issue : 16-March-2011

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.