SAFETY DATA SHEET



REVITALIZE CARPET AND UPHOLSTERY EXTRACTION CLEANER

Section 1. Chemical product and company identification

Product name : REVITALIZE CARPET AND UPHOLSTERY EXTRACTION CLEANER

Recommended use and

restrictions

: Carpet or Upholstery cleaner

Use only for the purpose on the product label.

Product dilution information : Up to 2 oz/gal or 15.6 mL/L in water

Supplier's information : Ecolab Inc. Institutional Division

370 N. Wabasha Street St. Paul, MN 55102 1-800-352-5326

Code : 900839

Date of issue : 04 Jun 2013

EMERGENCY HEALTH INFORMATION: 1-800-328-0026

Outside United States and Canada CALL 1-651-222-5352 (in USA)

Section 2. Hazards identification

Product AS SOLD

GHS Classification : SERIOUS EYE DAMAGE/ EYE IRRITATION -

Category 2A

SKIN SENSITIZATION - Category 1

GHS label elements

Signal word : Warning

Symbol

Hazard statements: Causes serious eye irritation.

May cause an allergic skin reaction.

Precautionary statements

Prevention: Wear protective gloves. Wear eye or face

protection. Avoid breathing vapor. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the

workplace.

Response: IF ON SKIN: Wash with plenty of soap and

water. Wash contaminated clothing before reuse. 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: No other specific measures identified.

Disposal : See section 13 for waste disposal information.

Product AT USE DILUTION

Not classified.

No signal word.

No known significant effects or critical

hazards.

Wash thoroughly after handling.

Get medical attention if symptoms appear.

No other specific measures identified.

See section 13 for waste disposal

information.

Section 2. Hazards identification

Other hazards : None known.

None known.

Product AT USE DILUTION

with water for a few minutes.

water for a few minutes.

symptomatically.

No known effect after eve contact. Rinse with

No known effect after skin contact. Rinse

No special measures required. Treat

Get medical attention if symptoms occur.

Section 3. Composition/information on ingredients

Substance/mixture

: Mixture

Product AS SOLD

Hazardous ingredients	Concentration Range (%)	CAS number	
alcohols, c12-16, ethoxylated	1 - 5	68551-12-2	
alanine, n,n-bis(carboxymethyl)-, trisodium salt	1 - 5	164462-16-2	
1-octanesulfonic acid, sodium salt	1 - 5	5324-84-5	
SODIUM CARBONATE	1 - 5	497-19-8	
Fragrance.	<1.0	Mixture	

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 local regulations.

Section 4. First aid measures

Product AS SOL	ע
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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.

Skin contact: 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 : No special measures required. Treat

symptomatically.

Ingestion: Get medical attention if symptoms occur.

Protection of first- : 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 : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The

exposed person may need to be kept under medical surveillance for 48 hours.

See toxicological information (section 11)

Section 5. Fire-fighting measures

Product AS SOLD

Suitable fire extinguishing

media

aiders

: Use water spray, fog or foam.

Specific hazards arising from the chemical

from the chemical Hazardous thermal

decomposition products

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

: Decomposition products may include the following materials:

carbon dioxide carbon monoxide nitrogen oxides sulfur oxides metal oxide/oxides

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.

Section 5. Fire-fighting measures

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

Section 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

Handling

: 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.

Section 7. Handling and storage

Product AS SOLD

: Avoid contact with eyes, skin and clothing. Wash

thoroughly after handling.

: Keep out of reach of children. Keep container **Storage**

tightly closed.

Store between the following temperatures: 5 and

Product AT USE DILUTION

Wash thoroughly after handling.

Keep out of reach of children.

Section 8. Exposure controls/personal protection

Control parameters

Ingredient name		Exposure limits	
	None.		

Product AS SOLD

Appropriate engineering controls : Good general ventilation should be sufficient to

control worker exposure to airborne

contaminants.

Personal protection

Eye protection : Wear eye protection.

Hand protection : Use chemical-resistant, impervious gloves.

Skin protection : Use suitable protective equipment.

Respiratory protection

Hygiene measures

: A respirator is not needed under normal and

intended conditions of product use.

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.

A respirator is not needed under normal and intended conditions of product use.

: 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

Product AS SOLD

Physical state : Liquid.

Color : Amber [Light] Odor : Fragrance-like Hq : 9.35 (100%) Flash point : > 100°C

Product does not support combustion.

Explosion limits : Not available. Flammability (solid, : Not available.

gas)

Melting point : Not available. **Boiling point** : Not available. **Evaporation rate** : Not available.

(butyl acetate = 1) Vapor pressure

: Not available. : Not available. Vapor density Relative density : 1.071 (Water = 1)

Solubility : Easily soluble in the following materials: cold

water and hot water.

Partition coefficient: : Not available.

n-octanol/water

Auto-ignition

: Not available.

: Not available.

temperature

Decomposition temperature

Odor threshold

: Not available. **Viscosity** : Not available.

Section 10. Stability and reactivity

Product AS SOLD

: The product is stable. Stability

Possibility of hazardous

reactions

: Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid : No specific data.

Materials to avoid : Reactive or incompatible with the following materials: acids.

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:

pain or irritation

watering redness

Skin contact : Adverse symptoms may include the following:

> irritation redness

Product AT USE DILUTION

Product AT USE DILUTION

Liquid.

Amber [Light]

Fragrance-like

9.46 to 9.85 > 100°C

No specific data.

No specific data.

Section 11. Toxicological information

Inhalation : No specific data. Ingestion : No specific data.

Acute toxicity

Eye contact : Causes serious eye irritation.

No known significant effects or critical

hazards.

Skin contact : May cause an allergic skin reaction. No known significant effects or critical

hazards.

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

hazards.

No specific data.

No specific data.

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

hazards.

Toxicity data

Product/ingredient name

alcohols, c12-16, ethoxylated LD50 Dermal Rabbit >2000 mg/kg LD50 Oral 1100 mg/kg Rat alanine, n,n-bis(carboxymethyl)-, trisodium LD50 Dermal Rat >4000 mg/kg LD50 Oral Rat >2000 mg/kg 1-octanesulfonic acid, sodium salt LD50 Oral >5000 mg/kg Rat sodium carbonate Rat 1.15 mg/l

LC50 Inhalation **Dusts and mists**

LD50 Dermal >2000 mg/kg Rabbit LD50 Oral 2800 mg/kg Rat

Chronic toxicity

Carcinogenicity : No known significant effects or critical hazards. : No known significant effects or critical hazards. Mutagenicity **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 : This material is harmful to aquatic life.

Aquatic and terrestrial toxicity

Product/ingredient name	Result	Species	Exposure
alcohols, c12-16, ethoxylated	Acute LC50 1.5 mg/l	Fish	96 hours
alanine, n,n-bis(carboxymethyl)-, trisodium salt	Acute LC50 >200 mg/l	Fish	96 hours
1-octanesulfonic acid, sodium salt	Acute EC50 3200 mg/l	Daphnia	48 hours
sodium carbonate	Acute EC50 200 mg/l	Daphnia	48 hours

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

Section 13. Disposal considerations

Product AS SOLD

Disposal methods : Diluted product can be flushed to sanitary sewer.

Discard empty container in trash.

Product AT USE DILUTION

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

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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.

<u>DOT</u>

DOT Classification Not regulated.

IMO/IMDG

IMO/IMDG Classification Not regulated.

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

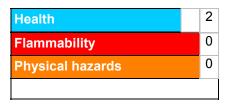
: No listed substance

California Prop. 65 : No listed substance

Section 16. Other information

Product AS SOLD

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

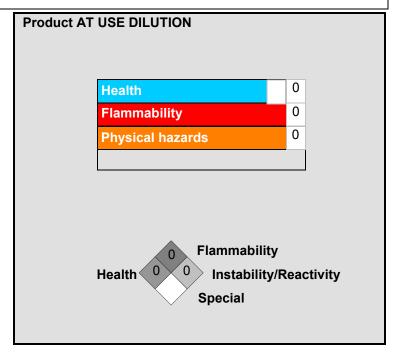


National Fire Protection Association (U.S.A.)



Date of issue : 04 Jun 2013
Prepared by : Regulatory Affairs
1-800-352-5326

Notice to reader



Section 16. Other information

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.

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