

# Material Safety Data Sheet

REVITALIZE MULTI-PURPOSE SPOTTER



## 1. Product and company identification

Trade name of product : REVITALIZE MULTI-PURPOSE SPOTTER

Product use : Carpet or Upholstery cleaner

Product dilution information : Not applicable

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

Code : 901586-02

Date of issue : 08-July-2010

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!

COMBUSTIBLE LIQUID AND VAPOR.  
MAY CAUSE RESPIRATORY TRACT AND EYE IRRITATION.  
Can cause central nervous system (CNS) depression.  
Avoid contact with eyes. Avoid breathing vapors, spray or mists. Keep away from heat, sparks and flame. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

### Product AT USE DILUTION

Product is sold ready to use.

### Potential acute health effects

#### Product AS SOLD

Eyes : Moderately irritating to eyes.

Skin : Slightly irritating to the skin.

Inhalation : Moderately irritating to the respiratory system. High vapor concentrations can cause headaches, dizziness, drowsiness and nausea and may lead to unconsciousness.

Ingestion : May be harmful if swallowed. Ingestion may cause nausea, weakness and central nervous system effects.

### Product AT USE DILUTION

Product is sold ready to use.

See toxicological information (section 11)

## 3. Composition/information on ingredients

### Product AS SOLD

Name  
naphtha (petroleum), heavy alkylate

CAS number      % by weight  
64741-65-7      5 - 20

### Product AT USE DILUTION

Name  
Product is sold ready to use.

CAS number      % by weight

### 3. Composition/information on ingredients

### 4. First aid measures

	Product AS SOLD
<b>Eye contact</b>	: In case of contact, immediately flush eyes with plenty of water. Remove contact lenses and flush again. Get medical attention if irritation persists.
<b>Skin contact</b>	: Rinse with water for a few minutes.
<b>Inhalation</b>	: If inhaled, remove to fresh air.
<b>Ingestion</b>	: Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

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

### 5. Fire-fighting measures

**Product AS SOLD**

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

**Fire-fighting media and instructions** : Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.

Use water spray to keep fire-exposed containers cool. Dike area of fire to prevent runoff.

Combustible liquid. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.

**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
<b>Personal precautions</b>	: Use personal protective equipment as required.
<b>Environmental precautions</b>	: Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.
<b>Methods for cleaning up</b>	: 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.

### 7. Handling and storage

	Product AS SOLD
<b>Handling</b>	: Avoid contact with eyes. Avoid breathing vapors, spray or mists. Keep away from heat, sparks and flame. To avoid fire, eliminate ignition sources. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.
<b>Storage</b>	: Keep out of reach of children. Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Store in a closed container. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame). Store between the following temperatures: 0 and 40°C

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

## 8. Exposure controls/personal protection

<b>Engineering measures</b>	<b>Product AS SOLD</b>	<b>Product AT USE DILUTION</b> Product is sold ready to use.
	: 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.	
<b>Personal protection</b>		
<b>Eyes</b>	: Safety eyewear should be used when there is a likelihood of exposure.	Product is sold ready to use.
<b>Hands</b>	: No protective equipment is needed under normal use conditions.	
<b>Skin</b>	: No protective equipment is needed under normal use conditions.	
<b>Respiratory</b>	: Avoid breathing vapors, spray or mists.	

Ingredient	Exposure limits
naphtha (petroleum), heavy alkylate	<b>ACGIH TLV (United States).</b> TWA: 100 ppm 8 hour(s). Form: All forms <b>OSHA PEL (United States).</b> TWA: 100 ppm 8 hour(s). Form: All forms

## 9. Physical and chemical properties

<b>Physical state</b>	<b>Product AS SOLD</b>	<b>Product AT USE DILUTION</b> Product is sold ready to use.	
	: Liquid.		
	<b>Flash point</b>		: 54.4444 °C (Closed cup) Product does not support combustion.
	<b>Color</b>		: White.
	<b>Odor</b>		: Sweetish.
	<b>pH</b>		: 6 to 7 [Conc. (% w/w): 100%]
	<b>Relative density</b>		: 0.965 to 0.985
	<b>Solubility</b>		: Easily soluble in the following materials: cold water and hot water.

## 10. Stability and reactivity

<b>Product AS SOLD</b>	
<b>Stability</b>	: The product is stable. Under normal conditions of storage and use, hazardous polymerization will not occur.
<b>Hazardous decomposition products</b>	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
<b>Hazardous polymerization</b>	: Under normal conditions of storage and use, hazardous polymerization will not occur.

## 11. Toxicological information

**Potential acute health effects**

**Product AS SOLD**

**Eyes** : Moderately irritating to eyes.  
**Skin** : Slightly irritating to the skin.  
**Inhalation** : Moderately irritating to the respiratory system. High vapor concentrations can cause headaches, dizziness, drowsiness and nausea and may lead to unconsciousness.  
**Ingestion** : May be harmful if swallowed. Ingestion may cause nausea, weakness and central nervous system effects.

**Product AT USE DILUTION**

Product is sold ready to use.

## 12. Ecological information

**Ecotoxicity** : Not reported

## 13. Disposal considerations

**Product AS SOLD**

**Waste disposal** : 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.

**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**  
**IMO/IMDG Classification** : Not regulated.

See shipping documents for specific transportation information.

## 15. Regulatory information

**Product AS SOLD**

**HCS Classification** : Combustible liquid  
 Irritating material

**Product AT USE DILUTION**

Product is sold ready to use.

**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

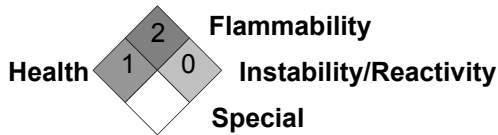
# 16. Other information

Product AS SOLD

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

Health	1
Flammability	2
Physical hazards	0

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



Date of issue : 08-July-2010  
Date of previous issue : No previous validation  
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.