

STAIN BLASTER MULTI-PURPOSE

Section 1. Chemical product and company identification

Product name : STAIN BLASTER MULTI-PURPOSE
Recommended use and restrictions : Laundry product
Use only for the purpose on the product label.

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 : 915494-01

Date of issue : 02 Jul 2013

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

Section 2. Hazards identification

GHS Classification : **Product AS SOLD**
SKIN CORROSION/IRRITATION - Category 2
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2B
SKIN SENSITIZATION - Category 1

GHS label elements

Signal word : Warning

Symbol :



Hazard statements : Causes skin and eye irritation.
May cause an allergic skin reaction.

Precautionary statements

Prevention : Wear protective gloves. 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. Take off contaminated clothing. 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.

Other hazards : None known.

Product AT USE DILUTION

Product is sold ready to use.

Section 2. Hazards identification

Section 3. Composition/information on ingredients

Substance/mixture : Mixture

Product AS SOLD

Hazardous ingredients	Concentration Range (%)	CAS number
TEA-DODECYLBENZENESULFONATE	12	27323-41-7
POTASSIUM HYDROXIDE	1	1310-58-3
distillates (petroleum), hydrotreated light	5 - 20	64742-47-8
alcohols, c12-16, ethoxylated	5 - 20	68551-12-2
TEA-TALLATE	5 - 20	68132-46-7
poly(oxy-1,2-ethanediyl), a-(2-propylheptyl)-w-hydroxy-	1 - 5	160875-66-1
TRIETHANOLAMINE	1 - 5	102-71-6
Limonene	1 - 5	5989-27-5

Product AT USE DILUTION

Hazardous ingredients	Concentration Range (%)	CAS number
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Product is sold ready to use.

Section 4. First aid measures

	Product AS SOLD	Product AT USE DILUTION
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.	Product is sold ready to use.
Skin contact	: Take off contaminated clothing. 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-aiders	: 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 : Use water spray, fog or foam.

Specific hazards arising from the chemical : In a fire or if heated, a pressure increase will occur and the container may burst. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

Hazardous thermal decomposition products : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
nitrogen oxides
sulfur oxides
metal oxide/oxides

Section 5. Fire-fighting measures

- 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.
- 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.

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

Product AT USE DILUTION

Product is sold ready to use.

Section 7. Handling and storage

- Product AS SOLD**
- Handling** : Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.
- Storage** : Keep out of reach of children. Keep container tightly closed.
- Do not store above the following temperature:
50°C

Product AT USE DILUTION

Product is sold ready to use.

Section 8. Exposure controls/personal protection

Control parameters

Ingredient name	Exposure limits
distillates (petroleum), hydrotreated light	ACGIH TLV (United States, 3/2012). Absorbed through skin. TWA: 200 mg/m ³ , (as total hydrocarbon vapor) 8 hours.
TRIETHANOLAMINE	ACGIH TLV (United States, 3/2012). TWA: 5 mg/m ³ 8 hours.
Limonene	AIHA WEEL (United States, 5/2010). TWA: 30 ppm 8 hours.
POTASSIUM HYDROXIDE	ACGIH TLV (United States, 3/2012). C: 2 mg/m ³ NIOSH REL (United States, 6/2009). TWA: 2 mg/m ³ 10 hours.

- Product AS SOLD**
- Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal protection

- Eye protection** : No protective equipment is needed under normal use conditions.
- Hand protection** : Use chemical-resistant, impervious gloves.
- Skin protection** : Use suitable protective equipment.
- Respiratory protection** : A respirator is not needed under normal and intended conditions of product use.

Product AT USE DILUTION

Product is sold ready to use.

Section 8. Exposure controls/personal protection

Hygiene measures : 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		Product AT USE DILUTION
Physical state	: Liquid.	Product is sold ready to use.
Color	: Off-white	
Odor	: citrus	
pH	: 7.5 to 8.5 (100%)	
Flash point	: > 100°C Product does not support combustion.	
Explosion limits	: Not available.	
Flammability (solid, gas)	: Not available.	
Melting point	: Not available.	
Boiling point	: >100°C (>212°F)	
Evaporation rate (butyl acetate = 1)	: Not available.	
Vapor pressure	: Not available.	
Vapor density	: Not available.	
Relative density	: 0.95 to 1.05 (Water = 1)	
Solubility	: Partially soluble in the following materials: cold water and hot water.	
Partition coefficient: n-octanol/water	: Not available.	
Auto-ignition temperature	: Not available.	
Decomposition temperature	: Not available.	
Odor threshold	: Not available.	
Viscosity	: Not available.	

Section 10. Stability and reactivity

Product AS SOLD	
Stability	: The product is stable.
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	: Slightly 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:
irritation
watering
redness

Skin contact : Adverse symptoms may include the following:
irritation
redness

Inhalation : No specific data.

Ingestion : No specific data.

Acute toxicity

Eye contact : Causes serious eye irritation.

Skin contact : Causes skin irritation. May cause an allergic skin reaction.

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.

Toxicity data

Product/ingredient name

distillates (petroleum), hydrotreated light	LC50 Inhalation	Rat	>5.68 mg/l
	Dusts and mists		
	LD50 Dermal	Rabbit	>2000 mg/kg
	LD50 Oral	Rat	>5000 mg/kg
alcohols, c12-16, ethoxylated	LD50 Dermal	Rabbit	>2000 mg/kg
	LD50 Oral	Rat	1100 mg/kg
fatty acids, tall-oil, compds. with triethanolamine	LD50 Oral	Rat	1407 mg/kg
poly(oxy-1,2-ethanediyl), a-(2-propylheptyl)-w-hydroxy-triethanolamine	LD50 Oral	Rat	>2000 mg/kg
	LD50 Dermal	Rabbit	>2000 mg/kg
	LD50 Oral	Rat	6400 mg/kg
(r)-p-mentha-1,8-diene	LD50 Dermal	Rabbit	>5000 mg/kg
	LD50 Oral	Rat	4400 mg/kg

Chronic toxicity

Carcinogenicity : No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards.

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 : Water polluting material. May be harmful to the environment if released in large quantities. This material is toxic to aquatic life with long lasting effects.

Aquatic and terrestrial toxicity

Product/ingredient name	Result	Species	Exposure
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Section 12. Ecological information

distillates (petroleum), hydrotreated light	Chronic LC50 >1 mg/l	Fish	96 hours
alcohols, c12-16, ethoxylated	Acute LC50 1.5 mg/l	Fish	96 hours
poly(oxy-1,2-ethanediyl), a-(2-propylheptyl)-w-hydroxy-triethanolamine	Acute EC50 10 mg/l	Daphnia	48 hours
potassium hydroxide	Acute LC50 11800 mg/l	Fish	96 hours
	Acute LC50 80 mg/l	Fish	96 hours

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

Section 13. Disposal considerations

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

Product AT USE DILUTION

Product is sold ready to use.

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.

DOT

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
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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.)

Health	*	2
Flammability		0
Physical hazards		0

Section 16. Other information

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



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1-800-352-5326

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.