

Material Safety Data Sheet



STAIN BLASTER A

Section 1. Chemical product and company identification

Trade name : STAIN BLASTER A
Product use : Laundry product
Supplier : Ecolab Inc. Institutional Division
370 N. Wabasha Street
St. Paul, MN 55102
1-800-352-5326
Code : 900245
Date of issue : 22-March-2007

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

Section 2. Composition, information on ingredients

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
benzenesulfonic acid, dodecyl-, compd. with 2,2',2''-nitrilotriethanol	27323-41-7	6
glycerin	56-81-5	5 - 20
tripropylene glycol monomethyl ether	25498-49-1	1 - 5
alcohols, c12-16, ethoxylated	68551-12-2	1 - 5
propan-2-ol	67-63-0	1 - 5
triethanolamine	102-71-6	1 - 5
sodium metabisulphite	7681-57-4	1 - 5

Section 3. Hazards identification

Physical state : Liquid. [Liquid.]
Emergency overview : CAUTION!

MAY CAUSE ALLERGIC SKIN REACTION.
MAY CAUSE RESPIRATORY TRACT, EYE AND SKIN IRRITATION.
Contains an ingredient that can cause asthmatic-like reactions in sulfite-sensitive individuals.
COMBUSTIBLE LIQUID AND VAPOR.
Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep away from heat, sparks and flame. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

Potential acute health effects

Eyes : Moderately irritating to eyes.
Skin : Moderately irritating to the skin. May cause sensitization by skin contact.
Inhalation : Moderately irritating to the respiratory system. Contains an ingredient that can cause asthmatic-like reactions in sulfite-sensitive individuals.
Ingestion : Contains an ingredient that can cause asthmatic-like reactions in sulfite-sensitive individuals.

See toxicological information (section 11)

Section 4. First aid measures

Eye contact : In case of contact, immediately flush eyes with cool running water. Remove contact lenses and continue flushing with plenty of water for at least 15 minutes. Get medical attention if irritation persists.
Skin contact : Flush contaminated skin with plenty of water. Continue to rinse for at least 10 minutes. Get medical attention if irritation persists. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Inhalation : If inhaled, remove to fresh air.
Ingestion : Do not induce vomiting. Never give anything by mouth to an unconscious person. If irritation persists, get medical attention.

Section 5. Fire fighting measures

- Flash point** : 43.3333 °C (Closed cup)
- Fire-fighting media and instructions** : In case of fire, use water spray (fog), foam, dry chemical, or CO₂.
Dike liquid for later disposal.
Combustible liquid and vapor.
- 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

- Personal precautions** : Ventilate area of leak or spill. Do not touch damaged containers or spilled material unless wearing appropriate protective equipment (Section 8). Stop leak if without risk. Do not allow to enter drains or watercourses.
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
- Methods for cleaning up** : If emergency personnel are unavailable, contain spilled material. For small spills, add absorbent (soil may be used in the absence of other suitable materials) and use a non-sparking or explosion-proof means to transfer material to a sealable, appropriate container for disposal. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

Section 7. Handling and storage

- Handling** : Avoid contact with eyes, skin and clothing. Do not breathe vapor or mist. Keep container closed. Use only with adequate ventilation. Keep away from heat, sparks and flame. To avoid fire, eliminate ignition sources. Wash thoroughly after handling.
- Storage** : Keep out of the reach of children. Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).
Do not store above the following temperature: 50°C

Section 8. Exposure controls, personal protection

- Engineering measures** : Use only with adequate ventilation. 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.

Personal protection :

- Eyes** : Eye protection recommended.
- Hands** : Use chemical-resistant, impervious gloves.
- Skin** : Use suitable protective equipment.
- Respiratory** : Avoid breathing vapors, spray or mists.

Name

Exposure limits

glycerin

ACGIH TLV (United States, 1/2006).

TWA: 10 mg/m³ 8 hour(s). Form: Mist

OSHA PEL (United States, 11/2006).

TWA: 5 mg/m³ 8 hour(s). Form: Respirable fractionTWA: 15 mg/m³ 8 hour(s). Form: Total dust

propan-2-ol

ACGIH TLV (United States, 1/2006).

STEL: 400 ppm 15 minute(s).

TWA: 200 ppm 8 hour(s).

OSHA PEL (United States, 11/2006).

TWA: 980 mg/m³ 8 hour(s).

TWA: 400 ppm 8 hour(s).

triethanolamine

ACGIH TLV (United States, 1/2006).

TWA: 5 mg/m³ 8 hour(s).

sodium metabisulphite

ACGIH TLV (United States, 1/2006).

TWA: 5 mg/m³ 8 hour(s).

NIOSH REL (United States, 12/2001).
TWA: 5 mg/m³ 10 hour(s).

Section 9. Physical and chemical properties

Physical state : Liquid. [Liquid.]
Color : Yellow.
Odor : Fragrance-like.
pH : 7 to 8.5 [Conc. (% w/w): 100%]
Specific gravity : 0.99 to 1.19
Viscosity : Dynamic: 75 cP
Solubility : Easily soluble in cold water, hot water.

Section 10. Stability and reactivity

Stability : The product is stable.

Section 11. Toxicological information

Potential acute health effects

Eyes : Moderately irritating to eyes.
Skin : Moderately irritating to the skin. May cause sensitization by skin contact.
Inhalation : Moderately irritating to the respiratory system. Contains an ingredient that can cause asthmatic-like reactions in sulfite-sensitive individuals.
Ingestion : Contains an ingredient that can cause asthmatic-like reactions in sulfite-sensitive individuals.

Potential chronic health effects

Chronic effects on humans : Contains material which causes damage to the following organs: kidneys, mucous membranes, upper respiratory tract, skin, central nervous system (CNS), eye, lens or cornea.

Section 12. Ecological information

Section 13. Disposal considerations

Waste disposal : The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Waste classification : Unused product is D001 (Ignitable)

Consult your local or regional authorities.

Section 14. Transport information

Regulatory information	UN number	Proper shipping name	Class	Packing group	Additional information
DOT Classification	Not regulated.	-	-	-	Not available.

APPLIES ONLY DURING ROAD TRANSPORT

Any variation of the shipping description based on the packaging is not addressed.

Section 15. Regulatory information

HCS Classification : Combustible liquid
Irritating material
Sensitizing material
Target organ effects

U.S. Federal regulations : SARA 302/304/311/312 extremely hazardous substances: No products were found.
SARA 302/304 emergency planning and notification: No products were found.

TSCA 8(b) inventory : All materials are listed or exempt.

California Prop. 65 : No products were found.

Section 16. Other information

Hazardous Material Information System (U.S.A.)	Health	*	1
	Flammability		2
	Physical hazards		0

Date of issue : 22-March-2007.

Responsible name : Regulatory Affairs

Date of previous issue : No previous validation.

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.