

# Material Safety Data Sheet



STAINBLASTER S

## Section 1. Chemical product and company identification

Trade name : STAINBLASTER S  
Product use : Laundry product  
Supplier : Ecolab Inc. Institutional Division  
370 N. Wabasha Street  
St. Paul, MN 55102  
1-800-352-5326  
Code : 903334  
Date of issue : 18-March-2006

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> |
|------------------------------------|-------------------|--------------------|
| paraffins, petroleum, normal c5-20 | 64771-72-8        | >50                |
| alcohols, c12-16, ethoxylated      | 68551-12-2        | 20 - 50            |
| (r)-p-mentha-1,8-diene             | 5989-27-5         | 1 - 5              |

## Section 3. Hazards identification

Physical state : Liquid. (Liquid.)  
Emergency overview : WARNING!

CAUSES RESPIRATORY TRACT AND EYE IRRITATION.  
MAY CAUSE ALLERGIC SKIN REACTION.  
MAY CAUSE SKIN IRRITATION.  
HARMFUL IF SWALLOWED.  
MAY BE FATAL IF SWALLOWED.  
Aspiration hazard if swallowed. Can enter lungs and cause damage. Can cause central nervous system depression.  
Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

### Potential acute health effects

Eyes : Irritating to eyes.  
Skin : Moderately irritating to the skin. May cause sensitization by skin contact.  
Inhalation : Irritating to respiratory system. High vapor concentrations can cause headaches, dizziness, drowsiness and nausea and may lead to unconsciousness.  
Ingestion : Harmful if swallowed. Aspiration hazard if swallowed. Can enter lungs and cause damage.  
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.  
Skin contact : In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention if irritation persists.  
Inhalation : If inhaled, remove to fresh air. If exposed person is not breathing, give artificial respiration or oxygen applied by trained personnel. If breathing is difficult, give oxygen. Get medical attention.  
Ingestion : Rinse mouth; then drink one or two large glasses of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention immediately.

## Section 5. Fire fighting measures

- Flash point** : > 100°C
- Fire-fighting media and instructions** : Use an extinguishing agent suitable for the surrounding fire.
- Dike liquid for later disposal.  
No specific hazard.
- 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.
- 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), scoop up material and place in a sealable, liquid-proof 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** : Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.
- Storage** : Keep out of the reach of children. Keep container tightly closed. Keep container in a cool, well-ventilated area.  
Do not store above 50°C

## Section 8. Exposure controls, personal protection

- Engineering controls** : Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits.
- Personal protection**
- Eyes** : Wear eye protection.
- Hands** : Use chemical-resistant, impervious 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.**

## Section 9. Physical and chemical properties

- Physical state** : Liquid. (Liquid.)
- Color** : Colorless.
- Odor** : citrus
- pH** : 7.1 (100%)
- Specific gravity** : 0.86 (Water = 1)
- Dispersibility properties** : Easily dispersed in cold water, hot water.

## Section 10. Stability and reactivity

- Stability** : The product is stable.

## Section 11. Toxicological information

### Potential acute health effects

- Eyes** : Irritating to eyes.
- Skin** : Moderately irritating to the skin. May cause sensitization by skin contact.
- Inhalation** : Irritating to respiratory system. High vapor concentrations can cause headaches, dizziness, drowsiness and nausea and may lead to unconsciousness.
- Ingestion** : Harmful if swallowed. Aspiration hazard if swallowed. Can enter lungs and cause damage.

## Section 12. Ecological information

**Products of degradation** : These products are carbon oxides (CO, CO<sub>2</sub>) and water.

## 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.

**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. | -                    | -     | -             | -                      |

### APPLIES ONLY DURING ROAD TRANSPORT

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

## Section 15. Regulatory information

- HCS Classification** : Irritating material  
Sensitizing material
- 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.) | <b>Health</b>              | 2 |
|  | <b>Fire hazard</b>         | 0 |
|  | <b>Reactivity</b>          | 0 |
|  | <b>Personal protection</b> | B |

- Date of issue** : 18-March-2006.
- Responsible name** : Regulatory Affairs
- Date of previous issue** : 18-March-2006.

### 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.