



Ecolab Center
St. Paul, Minnesota 55102

16580

MATERIAL SAFETY DATA SHEET

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MEDICAL EMERGENCY ONLY, 24 HOUR SERVICE: 1-800-328-0026
Medical Calls from Outside of the USA: 612 292 4064 (USA)

INSTITUTIONAL DIVISION Ecolab Inc.
Ecolab Center St. Paul MN 55102
Product Info: 1-800-352-5326 Date of Issue: December 15, 1998

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1.0 IDENTIFICATION /

- 1.1 Product Name: ~~STAIN BLASTER A~~
- 1.2 Product Type: Liquid enzyme laundry detergent prespotter

++ SARA 313 Toxic Chemicals, If Present, Are Preceded by "#" ++

2.0 HAZARDOUS COMPONENTS /

		%	PEL	TWA
2.1 Amylase and Protease Enzyme 9000-85-5/9014-01-1	1-5	NO	**	
**(ACGIH STEL (C) for Subtilisins = 0.06mcg/m3 as pure enzyme)				
2.2 Potassium dodecylbenzene sulfonate 27177-77-1	5-15	No	No	
2.3 Nonylphenol ethoxylate 9016-45-9	1-5	No	No	
2.4 2-Propanol (Isopropyl alcohol, IPA) 67-63-0	4	980	985*	

* ACGIH STEL = 1230

2.5 Also contains triethanolamine soaps.

STEL = 15 Minute Average PEL = OSHA 8 Hour Average in Air
TWA = ACGIH 8 Hour Average C = Ceiling Limit in Air; Do Not Exceed

3.0 PHYSICAL DATA /

- 3.1 Appearance: Clear amber liquid
- 3.2 Solubility in Water: Mixes with water in all proportions.
- 3.3 pH: 7.0-8.5 (100%)
- 3.4 Initial Boiling Point: 212 deg F
- 3.5 Specific Gravity: 0.99-1.10

4.0 FIRE AND EXPLOSION DATA /

- 4.1 Special Fire Hazards: None
- 4.2 Fire Fighting Methods: Use fog, foam, fine water spray, dry chemical or CO2.
- 4.3 Flash Point: None

5.0 REACTIVITY DATA /

- 5.1 Stability: Stable under normal conditions of handling.
- 5.2 Conditions to Avoid: Do not mix with anything but water.

6.0 SPILL OR LEAK PROCEDURES / USE PROPER PROTECTIVE EQUIPMENT

- 6.1 Cleanup and Disposal: Rinse small amounts to the sanitary sewer drain with plenty of water; mop up spills and rinse area thoroughly with water.



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7.0 HEALTH HAZARD DATA /

CAUTION

- 7.1 Effects of Overexposure to Concentrate:
Eyes: May cause irritation or damage to eyes.
Skin: May cause irritation.
If Swallowed: May cause stomach distress, nausea or vomiting.
- 7.2 Chronic exposure can lead to allergic sensitization, based on exposure level, duration and sensitivity of the individual.

8.0 FIRST AID /

- 8.1 Eyes: Flush at once with cool running water. Remove contact lenses. Holding eyelids apart, continue flushing for 15 minutes.
- 8.2 Skin: Flush skin with cool water; then wash thoroughly with soap and water. Wash contaminated clothing well before reuse.
- 8.3 If Swallowed: Rinse mouth; then drink 1 or 2 large glasses of water. DO NOT induce vomiting. Never give anything by mouth to an unconscious person.

IF IRRITATION OR DISCOMFORT PERSISTS, CALL A PHYSICIAN.

9.0 PROTECTIVE MEASURES /

- 9.1 No requirements beyond standard industrial hygiene practices.

10.0 ADDITIONAL INFORMATION/PRECAUTIONS /

- 10.1 Purpose of 12/15/98 issue: Revise sections 2,7

KEEP OUT OF REACH OF CHILDREN

The above information is believed to be correct with respect to the formula used to manufacture the product. 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.