



Ecolab Center
St. Paul, Minnesota 55102

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MATERIAL SAFETY DATA SHEET: USA Page 1 of 2
MEDICAL EMERGENCIES ONLY (24 Hour Service): 1-800-328-0026
Medical Calls from Outside of the USA: 1-651-222-5352

INSTITUTIONAL DIVISION Ecolab Inc.

Ecolab Center St. Paul MN 55102

Product Information: 1-800-352-5326

Issue Date: January 15, 2003

1.0 IDENTIFICATION /

- 1.1 Product Name: PANTASTIC
- 1.2 Product Type: Liquid Manual Dish Detergent
- 1.3 Hazard Rating: Health: 1 Fire: 0 Reactivity: 0

Substances Subject to SARA 313 Reporting Are Indicated by "#"

2.0 HAZARDOUS COMPONENTS /

	CAS No.	%	(in mg/m3)	
			PEL	TWA
2.1 Sodium linear alkylbenzenesulfonate	25155-30-0	6	No	No
2.2 Triethanolamine alkylbenzenesulfonate	27323-41-7	6	No	No
2.3 Nonionic surfactant	68603-42-9	1-5	No	No
2.4 Anionic surfactant	68585-34-2	1-5	No	No

PEL = OSHA 8 hour average in air

TWA = ACGIH 8 hour average in air

3.0 PHYSICAL DATA /

- 3.1 Appearance: Clear blue to blue-green liquid; floral citrus fragrance
- 3.2 Solubility in Water: Mixes with water in all proportions
- 3.3 pH: 6.5 - 8.0 (at 100%)
- 3.4 Initial Boiling Point: 212 deg F / 100 deg C
- 3.5 Specific Gravity: 1.044 @ 68 deg F / 20 deg C

4.0 FIRE AND EXPLOSION DATA /

- 4.1 Special Fire Hazards: None, does not support combustion.
- 4.2 Fire Fighting Methods: Use method appropriate for surrounding fire.

5.0 REACTIVITY DATA /

- 5.1 Stability: Stable under normal conditions of use and handling.
- 5.2 Conditions to Avoid: Do not mix with other chemicals. Use standard hygiene practices to maintain product integrity.

6.0 SPILL OR LEAK PROCEDURES / WEAR 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.
Skin: May cause irritation.
If Swallowed: May cause stomach distress, nausea or vomiting.

8.0 FIRST AID /

8.1 Eyes: Flush with cool running water. Remove contact lenses and flush again for 10-15 minutes.
8.2 Skin: Flush skin with water; wash with soap and water.
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 FOR CONCENTRATE:
No protective equipment is necessary under normal use conditions.
Eyes: If splashing may occur, eye protection recommended.
Skin: Wear impervious gloves for prolonged or repeated exposure to concentrate.

10.0 ADDITIONAL INFORMATION /

10.1 Purpose of 1/15/2003 issue: QC change. Replaces April 11, 2002 issue.

KEEP OUT OF REACH OF CHILDREN

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.