



Ecolab Center
St. Paul, Minnesota 55102

65423434 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

Distributed by: ARAMARK Management Services Limited Partnership

2300 Warrenville Road
Downers Grove IL 60515

Product Information: 1-800-937-9374

Issue Date: July 18, 2003

1.0 IDENTIFICATION /
1.1 Product Name: FIBERFRESH LIQUID ULTRACLEAN EXTRACTION CLEANER
1.2 Product Type: Liquid Alkaline Solvenated Carpet Cleaner
1.3 Hazard Rating: Health: 2 Fire: 0 Reactivity: 0

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

2.0 HAZARDOUS COMPONENTS /				(in mg/m3)	
	CAS No.	%	PEL	TWA	
2.1 d-Limonene	5989-27-5	5-20	No	No	
2.2 Alcohol ethoxylate	68439-46-3	20-50	No	No	
2.3 Triethanolamine	102-71-6	5-20	No	5	
2.4 Dipropylene glycol methyl ether (absorbed through skin)	34590-94-8	5-20	600	606*	*ACGIH STEL = 909
2.5 # 2-Butoxyethanol (ethylene glycol monobutyl ether) (absorbed through skin)	111-76-2	7	240	97	
2.6 Sodium xylene sulfonate	1300-72-7	1-5	No	No	
2.8 # Diethanolamine (DEA) (absorbed through skin)	111-42-2	1	No	2	*NIOSH TWA = 15

STEL = ACGIH short term exp. limit (15 min) PEL = OSHA 8 hr ave in air
TWA = ACGIH 8 hr average C = ceiling limit in air, do not exceed

3.0 PHYSICAL DATA /
3.1 Appearance: Clear slightly yellow liquid; citrus odor
3.2 Solubility in Water: Mixes with water in all proportions
3.3 pH: 10.0 - 10.5 (at 100%)
3.4 Initial Boiling Point: Not determined
3.5 Specific Gravity: 0.994 @ 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.
4.3 Flash Point: >200 deg F / >93 deg C

5.0 REACTIVITY DATA /
5.1 Stability: Stable under normal conditions of use and handling.
5.2 Conditions to Avoid: Reacts with acids and soft metals i.e. aluminum or zinc, producing flammable hydrogen gas. Mix only with water.

6.0 SPILL OR LEAK PROCEDURES / WEAR PROPER PROTECTIVE EQUIPMENT

6.1 Cleanup: Dike or dam large spills. Pump to containers or soak up on inert absorbent. Flush residue or small spills to sanitary sewer.
6.2 Waste Disposal: Consult state/local authority for limits on chemical waste disposal.



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7.0 HEALTH HAZARD DATA / WARNING

- 7.1 Effects of Overexposure to Concentrate:
Eyes: Causes minor to moderate irritation.
Skin: Prolonged or repeated exposure may cause minor 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 continue flushing for 15 minutes.
8.2 Skin: Flush skin with water; wash with soap and water. Remove and wash contaminated clothing 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 IN EYES, OR IF IRRITATION OR DISCOMFORT PERSISTS, CALL A PHYSICIAN

9.0 PROTECTIVE MEASURES /

- 9.1 FOR CONCENTRATE:
Eyes: Wear chemical splash goggles.
Skin: Wear any impervious glove.
Respiratory: Avoid breathing mists or vapors of this product.

10.0 ADDITIONAL INFORMATION /

- 10.1 Purpose of 7/18/2003 issue: QC change, replaces March 13,2003 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.