



Ecolab Center
St. Paul, Minnesota 55102

ALLG 09 2004

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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: March 8, 2004

1.0 IDENTIFICATION /

- 1.1 Product Name: OASIS 137 ORANGE FORCE
- 1.2 Product Type: Liquid All Purpose Cleaner and Degreaser
- 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	7	No	No
2.2 Triethanolamine alkylbenzenesulfonate	27323-41-7	3	No	No
2.3 Anionic and nonionic surfactants	mixture	1-5	No	No
2.4 d-Limonene	5989-27-5	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, red-orange liquid; citrus orange fragrance
- 3.2 Solubility in Water: Mixes with water in all proportions
- 3.3 pH: 7.8 - 9.0 (at 100%)
- 3.4 Initial Boiling Point: 212 deg F / 100 deg C
- 3.5 Specific Gravity: 1.021 @ 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: 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 /

CAUTION

7.1 Effects of Overexposure to Concentrate:

Eyes: Causes minor to moderate irritation.
Skin: Prolonged or repeated exposure may cause minor irritation.
Contains d-Limonene, a skin sensitizer.
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 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.

10.0 ADDITIONAL INFORMATION /

- 10.1 Purpose of 3/8/2004 issue: Minor formula change; associated edits. Replaces October 10, 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.