



Ecolab Center
St. Paul, Minnesota 55102

14175

MATERIAL SAFETY DATA SHEET

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MEDICAL EMERGENCY ONLY, 24 HOUR SERVICE: 1-800-328-0026

INSTITUTIONAL DIV., Ecolab Inc. Product Information: 1-800-352-5326
Ecolab Ctr. St. Paul MN 55102 Date of Issue: March 8, 1994

1.0 IDENTIFICATION /

- 1.1 Product Name: OASIS 133
1.2 Product Type: All Purpose Cleaner and Degreaser Concentrate

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

2.0 HAZARDOUS COMPONENTS /

		(mg/m3)	
	%	PEL	Other
2.1 Monoethanolamine Soap 2272-11-9	10	None	UNK
2.2 Ethanolamine (MEA) 141-43-5	<5	6	*
2.3 # Nonylphenol ethoxylate 9016-45-9	5	None	UNK
*ACGIH STEL = 15			
2.4 This product contains no other components considered hazardous according to the criteria of 29 CFR 1910.1200.			

UNK = Unknown at this time
STEL = 15 Minute Average

PEL = OSHA 8 Hour Average
C = Ceiling Limit; Do Not Exceed

3.0 PHYSICAL DATA /

- 3.1 Appearance: Yellow liquid; light fragrance
3.2 Solubility in Water: Complete
3.3 pH: 10.0-10.5 (100%); 9.0-10.0 (1%)
3.4 Boiling Point: >212 deg F
3.5 Specific Gravity: 1.02 - 1.04

4.0 FIRE AND EXPLOSION DATA /

- 4.1 Special Fire Hazards: None
4.2 Fire Fighting Methods: Product does not support combustion.

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: Dike or dam large spills. Recover, pump to containers or soak up on inert absorbent. Flush residue to sewer with plenty of water.
6.2 Waste Disposal: Consult state and local authorities for restrictions on disposal of chemical waste.



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Ecolab Ctr. St. Paul MN 55102 Date of Issue: March 8, 1994

1.0 IDENTIFICATION /

- 1.1 Product Name: OASIS 144
1.2 Product Type: Quat Sanitizer Concentrate

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

2.0 HAZARDOUS COMPONENTS /

- | | % | PEL | Other
(mg/m3) |
|---|----|------|------------------|
| 2.1 Alkyldimethylbenzyl ammonium chlorides
CAS 68424-85-1 | 10 | None | UNK |
| 2.2 This product contains no other components considered hazardous according to the criteria of 29 CFR 1910.1200. | | | |

UNK = Unknown at this time
STEL = 15 Minute Average

PEL = OSHA 8 Hour Average
C = Ceiling Limit; Do Not Exceed

3.0 PHYSICAL DATA /

- 3.1 Appearance: Clear, dark purple liquid; sweet odor
3.2 Solubility in Water: Complete
3.3 pH: 7.5 (100%)
3.4 Boiling Point: > 212 deg F
3.5 Specific Gravity: 0.993

4.0 FIRE AND EXPLOSION DATA /

- 4.1 Special Fire Hazards: None
4.2 Fire Fighting Methods: Product does not support combustion.

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: Dike or dam large spills. Pump to containers or soak up on inert absorbent. Flush residue to sanitary sewer.
6.2 Waste Disposal: Consult state and local authorities for restrictions on disposal of chemical waste. Do not let product enter directly into rivers or lakes.