

909960 MATERIAL SAFETY DATA SHEET: USA
 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: September 12, 2003

1.0 IDENTIFICATION /

1.1 Product Name: OASIS 115 XP

1.2 Product Type: Ammoniated Floor Cleaner Concentrate

1.3 Hazard Rating: Health: 3 Fire: 0 Reactivity: 0

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

2.0 HAZARDOUS COMPONENTS /

		(mg/m3)		
	CAS No.	%	PEL	TWA
2.1	Potassium hydroxide (caustic potash)	1310-58-3	6	No 2C
2.2	# Ammonium hydroxide	1336-21-6	<1	35 *
		*(ACGIH STEL = 24)		

2.3 This product contains no other components considered hazardous according to the criteria of 29 CFR 1910.1200.

 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: Olive green liquid; lemon and ammonia odor
 3.2 Solubility in Water: Mixes with water in all proportions
 3.3 pH: > 13.0 (at 100%); 12.3 - 12.9 (at 10%)
 3.4 Initial Boiling Point: 212 deg F / 100 deg C
 3.5 Specific Gravity: 1.065 @ 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 anything but water. Will react with chlorinated cleaners to produce toxic gases.

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. Unused product as a waste is corrosive (D002) by RCRA criteria.

7.0 HEALTH HAZARD DATA /

DANGER

7.1 Effects of Overexposure to Concentrate:

Eyes: CAUSES CHEMICAL BURNS. May cause blindness.

++ Immediate water flushing is vital in case of eye contact ++

Skin: CAUSES CHEMICAL BURNS.

If Swallowed: HARMFUL. May cause chemical burns of mouth throat and stomach.

If Inhaled: Damages airways and lungs, depending on amount and duration of exposure. Effects vary from irritation to bronchitis or pneumonia. People with lung problems may be more affected.

8.0 FIRST AID /

- 8.1 Eyes: Flush at once with cool running water. Remove contact lenses and continue flushing for 15 minutes, holding eyelids apart so as to rinse entire eye. CALL A PHYSICIAN IMMEDIATELY.
- 8.2 Skin: Immediately flush skin with plenty of cool running water for at least 15 minutes while removing contaminated clothing and shoes. Discard or wash before reuse.
- 8.3 If Swallowed: Rinse mouth at once; then drink 1 or 2 large glasses of water. DO NOT induce vomiting. NEVER give anything by mouth to an unconscious person.
- 8.4 If Inhaled: If affected, move to fresh air.

IMMEDIATELY CALL THE MEDICAL EMERGENCY NUMBER, 1-800-328-0026,
A POISON CONTROL CENTER, OR A PHYSICIAN

9.0 PROTECTIVE MEASURES /

9.1 FOR CONCENTRATE:

Eyes: Use chemical splash goggles. For continued or severe exposure wear a face shield over the goggles.

Skin: Use any industrial rubber gloves, other protective equipment as necessary to prevent skin contact.

Respiratory: Avoid breathing mists or vapors of this product.

10.0 ADDITIONAL INFORMATION/PRECAUTIONS /

- 10.1 Purpose of 9/12/2003 issue: Update ingredient section, add line 10.2. Replaces 5/18/2001 issue.
- 10.2 Patent Numbers: 6274541, 6479453

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.