



Ecolab Center
St. Paul, Minnesota 55102

14415 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: June 6, 2002

1.0 IDENTIFICATION /

- 1.1 Product Name: DECARBONIZER MXP
- 1.2 Product Type: Powdered Alkaline Presoak Detergent
- 1.3 Hazard Rating: Health: 3 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 carbonate (soda ash)	497-19-8	20-50	No	No
2.2 Sodium silicate	1344-09-8	5-20	No	No
2.3 Sodium phosphate, tribasic mixture		51	No	No

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: White powder; no specific odor
- 3.2 Solubility in Water: Appreciable
- 3.3 pH: 10.5 - 11.5 (at 0.2%)

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: Reacts with acids producing flammable hydrogen gas. Mix only with water according to directions.

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 / DANGER

- 7.1 Effects of Overexposure to Concentrate:
Eyes: Causes severe irritation. Untreated contact may cause chemical burns.
Skin: Causes moderate to severe irritation. Untreated contact may cause severe irritation or chemical burns.
If Swallowed: May cause chemical burns of mouth, throat and stomach.
If Inhaled: Dust may cause irritation, coughing, sneezing.

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. SEEK MEDICAL ATTENTION 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: Immediately 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: Where possibility of exposure exists, wear eye protection.
Skin: Strongly recommend use of any impervious glove.

10.0 ADDITIONAL INFORMATION /

- 10.1 Purpose of 6/6/2002 issue: Add line 1.3; correct section 2; QC and editorial update. Replaces June 5, 1996 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.