

ECOLAB FOOD & BEVERAGE DIVN.

Ecolab Center St. Paul MN 55102

Product Information: 1-800-392-3392

Issue Date: September 20 2002

1.0 IDENTIFICATION /

1.1 Product Name: KX-2103

1.2 Product Type: Solid Solvenated Alkaline General Cleaner

1.3 Hazard Rating: Health: 2 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 metasilicate	6834-92-0	1-5	No	No
2.2 Tetrasodium pyrophosphate (TSPP)	7722-88-5	5-20	No	No
2.3 Sodium linear alkylbenzenesulfonate	25155-30-0	8	No	No
2.4 Nonionic and Anionic surfactants	mixture	20-50	No	No
2.5 Dipropylene glycol n-propyl ether	29911-27-1	5-20	No	No
2.6 Dipropylene glycol methyl ether (absorbed through skin)	34590-94-8	5-20	600	606*
			*ACGIH STEL = 909	
2.7 # Diethylene glycol methyl ether	111-77-3	7	No	No*

*Supplier recommendation

2.8 Also contains <1% Sodium hydroxide.

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: Pink solid; solvent odor

3.2 Solubility in Water: Appreciable

3.3 pH: 11.1 (at 1%)

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 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: Pick up without raising dust. Flush area with water.

6.2 Waste Disposal: Consult state/local authority for limits on chemical waste disposal.

Product: KX-2103

ECOLAB FOOD & BEVERAGE DIVN.

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

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7.0 HEALTH HAZARD DATA /

DANGER

7.1 Effects of Overexposure to Concentrate:

The solid form of this product nearly eliminates exposure under normal use. The following applies to contact with solutions and residues of the product:

Eyes: CAUSES CHEMICAL BURNS. May cause blindness.

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

Skin: CAUSES CHEMICAL BURNS. Harmful contact may not cause immediate pain.

If Swallowed: HARMFUL OR FATAL. Causes chemical burns of mouth, throat and stomach.

If Inhaled: Causes moderate to severe irritation or bronchitis, depending on exposure. People with lung problems may be more affected.

7.2 Note: Diethylene glycol monomethyl ether is considered a potential reproductive toxin based on laboratory animal testing (oral). These effects have not been observed in humans.

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 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: Wear chemical splash goggles.

Skin: Wear any impervious glove.

10.0 ADDITIONAL INFORMATION /

10.1 Purpose of 9/30/2002 issue: First 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.