

HARCROS CHEMICALS INC
KANSAS CITY, KANSAS

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: CAUSTIC SODA FLAKE LG 100# DATE: 03/16/94 PAGE 01
PRODUCT CODE: 14-08012-03

CAS #: 001310-73-2

FORMULA: NaOH

CHEMICAL FAMILY: Alkali

CHEMICAL NAME AND SYNONYMS: Sodium Hydroxide, Grades - Semiconductor Reagent, ACS, USP, Technical, Anhydrous, Beads, Flake, Sodium Hydroxide Pellets, Soda Lye, Pusher(R), DB Compounder

SUPPLIERS NAME: Harcross Chemicals Inc
5200 Speaker Rd
Kansas City Ks 66106

SUPPLIERS PHONE NUMBER: 913-321-3131
TRANSPORTATION EMERGENCY PHONE NUMBER: 1-800-424-9300

S.A.R.A. INFORMATION

HAZARDS: Fire: Pressure: Reactivity: Yes Acute: Yes Chronic: Yes
PHYSICAL DATA: Mixture: Pure: Yes Solid: Yes Liquid: Gas:

SECTION I Hazardous Ingredients

Ingredient	Percent	TLV
Sodium Hydroxide (CAS # 1310-73-2)	approx. 100%	TWA/TLV 2 mg/m ³ Ceiling OSHA/ACGIH 2 mg/m ³ 15 min Ceiling NIOSH

SECTION II Health Hazards

Threshold Limit Value: See Section I

Potential Effects of Exposure:

Eyes:

Caustic soda is destructive to eye tissues on contact. Will cause severe burns that result in damage to the eyes and even blindness. Mist or dust can cause irritation with high concentrations causing burns.

Skin:

Major potential hazard - solid or liquid contact with skin can cause severe burns deep ulcerations. Contact with dust or mist can cause multiple burns with temporary loss of hair at burn site. Solutions of up to 4% in water may not cause irritation and burning for several hours, while 25 to 50% solutions can cause these effects in less than 3 minutes.

Inhalation:

Airborne concentrations of dust, mist, or spray of caustic soda may cause mild irritation at 2mg/m³, and, at higher concentrations, damage to the upper respiratory tract and even to the lung tissue proper which could produce chemical