



G & K CRAFT INDUSTRIES, LIMITED

PO Box 38 • Somerset, MA 02726 508-676-3883 Fax 508-676-3980

SODA ASH

A. GENERAL INFORMATION

TRADE NAME (COMMON NAME) Soda Ash		<input checked="" type="checkbox"/> C.A.S. NO.	<input type="checkbox"/> GENERAL PRODUCT CODE # 497-19-8
CHEMICAL NAME AND/OR SYNONYM Sodium Carbonate			
FORMULA Na ₂ CO ₃		MOLECULAR WEIGHT 105.99	
CONTACT Manager of Product Safety	PHONE NUMBER (201) 515-1840	LAST ISSUE DATE March, 1993	CURRENT ISSUE DATE August, 1998

B. FIRST AID MEASURES

		EMERGENCY PHONE NUMBER (800) 631-8050
<p>SKIN: Wash with plenty of water.</p> <p>EYES: Flush with plenty of water for at least 15 minutes and get medical attention.</p> <p>INGESTION: Drink large quantities of water to dilute the material. Do not induce vomiting.</p> <p>INHALATION: Remove to fresh air. Get medical attention for irritation, ingestion or discomfort from inhalation.</p>		

C. HAZARDS INFORMATION

HEALTH

INHALATION Inhalation of product dust may irritate nose, throat and lungs.	
INGESTION Although low in toxicity, ingestion can be harmful - consult a physician. May irritate mouth, esophagus, stomach, etc. LD ₅₀ (rat): 2.8 gm/kg. See reference (a).	
SKIN May cause skin irritation from prolonged contact.	
EYES May irritate or burn eyes.	
PERMISSIBLE CONCENTRATION, AIR (SEE SECTION 4) No TLV established	BIOLOGICAL None.
UNUSUAL CHRONIC TOXICITY None known.	

F. PHYSICAL DATA

MATERIAL IS (AT NORMAL CONDITIONS): <input type="checkbox"/> LIQUID <input checked="" type="checkbox"/> SOLID <input type="checkbox"/> GAS <input type="checkbox"/> _____		APPEARANCE AND ODOR White powder. Odorless.	
BOILING POINT ° C MELTING POINT 854 ° C	SPECIFIC GRAVITY (H ₂ O = 1) 2.533	VAPOR DENSITY (AIR = 1) NA	
SOLUBILITY IN WATER (% by Weight) 17% solution at 20 °C	pH 1% solution; pH = 11.3	VAPOR PRESSURE (mm Hg at 20°C) <input type="checkbox"/> (PSIG) <input type="checkbox"/> NA	
EVAPORATION RATE (Butyl Acetate = 1) <input type="checkbox"/> (Ether = 1) <input type="checkbox"/> NA	% VOLATILES BY VOLUME (At 20°C) NA		

G. REACTIVITY DATA

STABILITY <input type="checkbox"/> UNSTABLE <input checked="" type="checkbox"/> STABLE	CONDITIONS TO AVOID None.
INCOMPATIBILITY (MATERIALS TO AVOID) Contact with acids will release carbon dioxide gas. When mixed with lime dust and water, corrosive caustic soda may be produced.	
HAZARDOUS DECOMPOSITION PRODUCTS See above	
HAZARDOUS POLYMERIZATION <input type="checkbox"/> MAY OCCUR <input checked="" type="checkbox"/> WILL NOT OCCUR	CONDITIONS TO AVOID None.

H. HAZARDOUS INGREDIENTS (Mixtures Only)

MATERIAL OR COMPONENT / C.A.S. #	WT. %	HAZARD DATA (SEE SECT. J)
NA		

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I. ENVIRONMENTAL

DEGRADABILITY/AQUATIC TOXICITY

ND

OCTANOL/WATER PARTITION COEFFICIENT

ND

EPA HAZARDOUS SUBSTANCES
(CLEAN WATER ACT SEC. 311) YES
 NO

IF SO REPORTABLE QUANTITY: _____ #

40 CFR
116-117

WASTE DISPOSAL METHODS (DISPOSER MUST COMPLY WITH FEDERAL, STATE AND LOCAL DISPOSAL OR DISCHARGE LAWS)

If permitted by applicable disposal regulations, bury in a solid waste landfill or dissolve and neutralize as follows: Dissolve in water using caution as solution can get hot. Neutralize with acid and flush to sewer with plenty of water. Good ventilation is required during neutralization due to release of CO₂ gas. Neutralized waste may have to be disposed of by an approved contractor.

RCRA STATUS OF UNUSED MATERIAL IF DISCARDED

Not a hazardous waste.

HAZARDOUS WASTE NUMBER: (IF APPLICABLE)

40 CFR
261**J. REFERENCES**

PERMISSIBLE CONCENTRATION REFERENCES

None.

REGULATORY STANDARDS

D.O.T. CLASSIFICATION: Not regulated

49 CFR 173

None additional cited.

GENERAL

(a) General Chemical Corporation data, unpublished.

K. ADDITIONAL INFORMATION

This product is not for use as a food or drug additive.

PSDS FILE NO. - GC 1000

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