

CJ-254

MATERIAL SAFETY DATA SHEET

HAZARD RATINGS

Health: 2

Flammability: 0

Reactivity: 1

Personal Protection: B

NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires MSDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

I. PRODUCT IDENTIFICATION:

◆ **Manufactured for CHARTER CHEMICAL** ◆

Address: P.O. Box 450412
ATLANTA GA 31145

General Information: 770 466-1035
Chemical Emergency: 1-800-255 3924

PRODUCT NAME: Clean all liquid detergent
PRODUCT CODE: 254

Date Prepared: 01/21/97
Prepared by: Chad C. Parson

II. HAZARDOUS INGREDIENTS:

	CAS #	OSHA/PEL	TLV	STEL	max. %	
Potassium Hydroxide	001310-58-3	2mg/m ³	2mg/m ³	NA	8.1	
Sodium Silicate	1344-09-8	NE	NE	NA		<7
Tetrapotassium pyrophosphate	7320-34-5	NE	NE	NA		10.0

III. HEALTH HAZARD INFORMATION

Primary Routes of Entry: X Skin Absorption, X Eyes

◆ *Effects of overexposure:*

- Eye Contact: Corrosive
- Skin Contact: Corrosive to body tissues. Dermatitis may result from repeated exposure.
- Inhalation: May result in varying degrees of irritation to the respiratory tract tissues.
- Ingestion: May cause irritation and /or burning to the entire gastrointestinal tract; nausea, pain, bleeding and ulceration.

IV. EMERGENCY FIRST AID:

- ◆ *Eyes:* Flush well with water for at least 15 minutes.
- ◆ *Skin:* Wash with soap and water.
- ◆ *Inhalation:* Remove to fresh air.
- ◆ *Ingestion:* Drink lots of water to dilute, **DO NOT INDUCE VOMITING.** Get medical help.

V. FIRE & EXPLOSION DATA:

Flash Point: **NOT FLAMMABLE**

Test Method: T.C.C.

Flammability Limits In Air, % by Volume:

Lower ND Upper ND

Extinguishing Media: Use water spray, CO₂, or dry chemical to extinguish fires.

- ◆ *Special Fire Fighting Procedures:* NONE
- ◆ *Unusual Fire Fighting Hazard:* NONE

VI. REACTIVITY DATA:

PRODUCT IS STABLE.

◆ *STABLE; Hazardous polymerization will NOT occur.*

VII. HANDLING & STORAGE : Keep container closed, when not in use.

VIII. EXPOSURE CONTROL/PERSONAL PROTECTION: Dermatitis may result from repeated exposure. Use chemical resistant gloves and eye protection when applying.

IX. SPECIAL PRECAUTIONS/ OTHER COMMENTS: Avoid strong acids and chlorine.

X. PHYSICAL DATA : ND = Not Determined; NA = Not Applicable

Boiling point: >212⁰F

Specific Gravity, (water + 1.0):1.22-1.25 pH, range: 13.5-14.0

Vapor Pressure: ND

Vapor Density: (Air = 1): ND Solubility: Soluble (X); Dispersible (); not Miscible ().

% Volatile/ volume: 67% Evaporation Rate: ND

Description/odor: Clear blue liquid with mild odor.

XI. TOXICOLOGICAL INFORMATION: ND

XII. ECOLOGICAL INFORMATION: ND

XIII. ACCIDENTAL RELEASE MEASURES/ DISPOSAL INFORMATION: Large spills can not occur because of packaging. Dam up spills with inert material, neutralize with mild acid such as citric acid, then wash to drain, according to local, state and federal regulations. Do not release to open, public waters.

XIV. TRANSPORT INFORMATION: Hazardous according to Table 49 CFR 172.101: **Corrosive Compound Cleaning Liquid, (Potassium Hydroxide), NA 1760.**

XV. REGULATORY INFORMATION: Potassium Hydroxide must be reported when in excess of 12,346 pounds of product making it a reportable quantity of 1,000 pounds as specified by Sec 313. Inventory of Chemical Substances (EPA) under authority of the Toxic Substances Control Act (TSCA).

XVI. ADDITIONAL INFORMATION: OSHA list (29 FR 1910.1200) as hazardous chemical.

The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.

Regulatory Standards:

DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.

SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)- INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM (NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS, OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91, 173.310.