

CL-1307-S

MATERIAL SAFETY DATA SHEET

HAZARD RATINGS

Health: 2

Flammability: 0

Reactivity: 0

Personal Protection: D

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: CL-1307-S

◆ Manufactured for CHARTER CHEMICAL, INC. ◆

Address: P.O. Box 440412
Atlanta, GA 31145

PRODUCT NAME: CL-1307-S
PRODUCT CODE: 1307

General Information: 770/466-1035
Chemical Emergency: 1-800-255 3924
Date Prepared: 02/03/97
Prepared by: Chad C. Parson

II. HAZARDOUS INGREDIENTS:

	CAS #	OSHA/PEL	TLV	STEL	max. %
Phosphoric Acid	7664-38-2	1mg/m ³	1mg/m ³	3mg/m ³	<12

III. HEALTH HAZARD INFORMATION

Primary Routes of Entry: X Skin Absorption, X Eyes

◆ *Effects of overexposure:*

- Eye Contact: Burning, corrosive to eyes.
- Skin Contact: Corrosive to body tissues. Dermatitis may result from repeated exposure.
- Inhalation: Can cause shortness of breath if exposed for long periods of time to concentrated vapors.
- Ingestion: Corrosive: can 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 victim 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: None.

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

Boiling point: >212⁰F

Specific Gravity, (water = 1.0):1.16-1.18 pH: 4

Vapor Pressure: ND

Vapor Density: (Air = 1): ND

Solubility: Complete

% Volatile/ volume: 75%

Evaporation Rate: ND

Description/odor: Clear colorless liquid with a slight acid 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 alkali such as soda ash, 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 LIQUID, N.O.S., (Phosphoric acid), 8, UN1760, III.**

XV. REGULATORY INFORMATION: Phosphoric acid must be reported when in excess of 29,630 pounds of product making it a reportable quantity of 5,000 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.