

7964-11

534058200

**** MATERIAL SAFETY DATA SHEET ****

EMERGENCY RESPONSE NUMBER: (800)/535-5053

PRINT DATE: 07/01/95

01. PRODUCT INFORMATION

PRODUCT: ULTRA SOUR

PRODUCT NUMBER: 00575905

CHEMICAL NAME AND SYNONYMS: N/A

CHEMICAL FAMILY : ACIDIC CLEANER

FORMULA : MIXTURE

MSDS FORM NUMBER : 314 REVISION NUMBER: 2

REVISION DATE: 07/01/95

02. INGREDIENT INFORMATION

CHEMICAL NAME	CAS NUM	% WT.	PEL UNIT	TLV UNIT	HAZ.SOURCE*
HYDROFLUOROSILICIC ACID	16961-83-4	25.0%	3.0 PPM	3.0 PPM	E

***HAZARDOUS SOURCE CODES:**

A-NTP CARCINOGEN.

B-IARC KNOWN,PROBABLE,OR POSSIBLE HUMAN CARCINOGEN.

C-IARC PROBABLE NON-CARCINOGEN.

D-REPORTABLE UNDER SARA TITLE III, SECTION 313.

E-DEFINED BY OSHA AS HAZARDOUS OR TOXIC.

03. PHYSICAL DATA

BOILING POINT.....	212.0000 (F)
VAPOR PRESSURE.....	N/A (mmHg)
VAPOR DENSITY.....	N/A (AIR=1)
SOLUBILITY IN WATER.....	SOLUBLE
SPECIFIC GRAVITY.....	1.22 (WATER=1)
PERCENT VOLATILE.....	100.00
EVAPORATION RATE.....	1 (WATER=1)
PH.....	<1.0
COLOR.....	CLEAR
ODOR.....	ACIDIC

04. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT.....NONE (F) (Method=TCC)

FLAMMABLE LIMITS - LEL.. N/A

FLAMMABLE LIMITS - UEL..N/A

EXTINGUISHING MEDIA.....Water, Foam, CO2, Dry Chemical.

SPECIAL FIRE FIGHTING PROCEDURES: None.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Acids attack many metals releasing hydrogen gas which may form an explosive mixture with air.

NFPA HAZARD CODES:
HEALTH- 2 FIRE-0 REACTIVITY- 0 SPECIAL HAZARD- 0

05. HEALTH HAZARD DATA

PROBABLE ROUTES OF EXPOSURE: Eye/skin contact.

EFFECTS OF OVEREXPOSURE, ACUTE AND CHRONIC:

Eye/skin contact is extremely irritating. Ingestion is harmful and may be fatal.

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT... Remove contact lenses if worn. Flush eyes with water for 15 MINUTES. Get medical attention.

SKIN CONTACT.. Wash with water. If irritation occurs, get medical attention.

INGESTION..... Do not induce vomiting. Get immediate medical attention.

INHALATION.... Remove to fresh air. Consult a physician.

06. REACTIVITY DATA

STABILITY: STABLE

INCOMPATIBILITY - CONDITIONS TO AVOID: NONE

- MATERIALS TO AVOID: ALKALIS AND METAL.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS: NONE

07. SPILL OR LEAK PROCEDURES

RELEASE OR SPILL PROCEDURE:

Contain spill. Mop up or absorb onto absorbent material and collect for disposal.

WASTE DISPOSAL METHOD:

Dispose of in accordance with Local, State, and Federal Regulations.

08. SPECIAL PROTECTION INFORMATION

SPECIFIC RESPIRATORY INFORMATION: None Required.

VENTILATION: No special exhaust required.

PROTECTIVE EQUIPMENT: Rubber or neoprene gloves, be worn. Glasses or safety goggles recommended if splashing is likely.

09. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Avoid prolonged or repeated contact with skin. Rinse empty container before discarding.

OTHER PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN. DO NOT REUSE EMPTY CONTAINER. KEEP CONTAINER CLOSED WHEN NOT IN USE.

FOR MEDICAL EMERGENCY CALL:

PURITAN/CHURCHILL CHEMICAL CO. - (404) 875-7331
EMERGENCY RESPONSE NUMBER - (800) 535-5053

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APPROVED: JGC

DATE: 07/01/95