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 EMERGENCY PHONE NUMBER: 1-800-424-9300

SAFE SCALE

SECTION 1 PRODUCT IDENTIFICATION

PRODUCT NAME OR NUMBER..... SAFE SCALE  
 TRADE NAME OR CHEMICAL NAME..... SAFE SCALE  
 SYNONYMS..... N/A  
 FORMULA..... PROPRIETARY  
 CHEMICAL FAMILY..... ACID CLEANER  
 MOLECULAR WEIGHT..... N/A  
 NFPA..... SEE SECTION 8  
 HMIS RATING..... SEE SECTION 8

SECTION 2 HAZARDOUS INGREDIENTS / HAZARD DATA

<u>CHEMICAL NAME(S)</u>	<u>CAS NUMBER</u>	<u>% WT</u>	<u>TLV-ACGIH</u>	<u>PEL-OSHA</u>	<u>SEC. 313</u>	<u>NTP</u>	<u>IARC</u>	<u>PROP. 65</u>
HYDROCHLORIC ACID	7647-01-0	<15	5 PPM	5 PPM	Yes	NO	NO	No

SECTION 3 REGULATORY DATA

HTP..... NATIONAL TOXICOLOGY PROGRAM  
 IARC..... INTERNATIONAL AGENCY FOR RESEARCH ON CANCER  
 PROPOSITION 65..... THIS PRODUCT CONTAINS INGREDIENTS ON  
 THE LIST OF PROPOSITION 65.  
 STATE OF CALIFORNIA SAFE DRINKING WATER AND  
 TOXIC ENFORCEMENT ACT OF 1986.  
 SECTION 313 SARA TITLE III... THE CHEMICAL(S) MARKED WITH A "YES" ON  
 SECTION 313 ARE SUBJECT TO THE REPORTING  
 REQUIREMENTS OF THIS SECTION.

SECTION 4 PHYSICAL DATA

BOILING/MELTING POINT @760 mm Hg ≥212°F  
 PH..... <2.00  
 SPECIFIC GRAVITY OR BULK DENSITY 1.072  
 SOLUBILITY IN WATER..... SOLUBLE  
 APPEARANCE..... CLEAR RED LIQUID  
 ODOR..... ACIDIC

SECTION 5 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT °F (Test Method).... N/A  
 AUTOIGNITION TEMPERATURE..... NON FLAMMABLE  
 FLAMMABILITY LIMITS IN AIR (% V) NONE  
 EXTINGUISHING MEDIA..... WATER, FOAM, DRY CHEMICAL.  
 SPECIAL FIRE FIGHTING PROCEDURES WEAR APPROPRIATE PROTECTIVE CLOTHING AND  
 RESPIRATORY PROTECTION. SPRAY WITH WATER  
 TO MINIMIZE VAPOR AND TO COOL EQUIPMENT  
 EXPOSED TO HEAT.

SAFE SCALE

SECTION 5

FIRE AND EXPLOSION HAZARD DATA

CONT'D

UNUSUAL FIRE & EXPLOSION HAZARDS IT CAN CAUSE SPONTANEOUS IGNITION OF SOME MATERIALS. CONTACT WITH COMMON METALS MAY GENERATE HYDROGEN GAS WHICH CAN FORM FLAMMABLE MIXTURE WITH AIR.

SECTION 6

HEALTH HAZARD DATA \* EFFECTS OF OVEREXPOSURE

THRESHOLD LIMIT VALUE.....SEE SECTION 2

SIGN OF OVEREXPOSURE:

EYES.....WILL CAUSE SEVERE BURNS.
SKIN.....WILL CAUSE SEVERE BURNS AND IRRITATION.
INHALATION.....AIRBORNE CONCENTRATIONS OF DUST MIST. OR SPRAY MAY CAUSE DAMAGE TO THE UPPER RESPIRATORY TRACT AND THE LUNG TISSUE.
INGESTION.....IF SWALLOWED, CAN CAUSE SEVERE BURNS OF MUCOUS MEMBRANES OF THE MOUTH, THROAT AND STOMACH.
CHRONIC.....REPEATED OR PROLONGED EXPOSURE MAY CAUSE DERMATITIS AND CONJUNCTIVITIS, CHRONIC BRONCHITIS, GASTRITIS, DAMAGE TO THE LIVER AND OTHER ORGANS, EVEN DEATH.

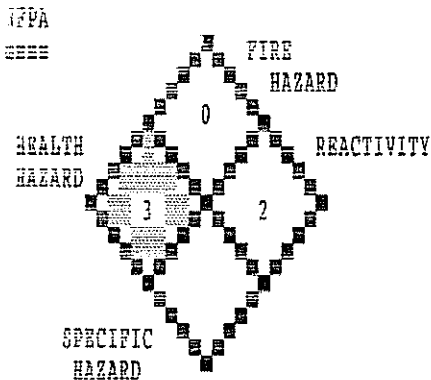
SECTION 7

EMERGENCY AND FIRST AID PROCEDURES

INHALATION...REMOVE VICTIM TO FRESH AIR. IF BREATHING IS DIFFICULT. ASSIST BREATHING. SEEK MEDICAL HELP.
EYE CONTACT...IMMEDIATELY FLUSH EYES WITH LARGE QUANTITIES OF WATER. REMOVE ANY CONTACT LENSES AND CONTINUE FLUSH WITH WATER FOR AT LEAST 15 MINUTES. CONTACT A PHYSICIAN.
SKIN CONTACT...IMMEDIATELY WASH SKIN WITH LARGE QUANTITIES OF WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND FOOTWEAR. GET MEDICAL ATTENTION. WASH CLOTHING BEFORE REUSE.
INGESTION....NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER. GET MEDICAL ATTENTION IMMEDIATELY.

SECTION 8

HMS RATING SYSTEM



HMS RATING
HEALTH HAZARD.....:3
FIRE HAZARD.....:0
REACTIVITY.....:2
PERSONAL PROTECTION....: SEE SECTION 10

SECTION 9

REACTIVITY DATA

PRODUCT STABILITY..... STABLE UNDER NORMAL CONDITION

SAFE SCALE

SECTION 9

REACTIVITY DATA

CONT'D

CONDITIONS TO AVOID.....  
CHEMICAL INCOMPATIBILITY..... Avoid contact with Alkalis, metals, oxidizers, reducing agents, chlorinated product cyanides, permanganate, sodium, ethylene diamine, fluorine acids such as sulfuric or chlorosulfonic acid.  
HAZARDOUS DECOMPOSITION PRODUCTS May liberate Hydrogen Chloride.  
HAZARDOUS POLYMERIZATION..... WILL NOT OCCUR  
Conditions to Avoid..... CONTACT WITH METALS & MOISTURE.  
CORROSIVE TO METAL..... YES  
OXIDIZER..... NO

SECTION 10

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION..NIOSH/MSHA - approved organic vapor/dust acid-gas respirator when vapors or dust are generated above the permissible limit above TLV or PEL  
VENTILATION..Local exhaust to control to recommended P.R.L.  
PROTECTIVE CLOTHING. Gloves, coveralls, aprons, boots, as necessary to prevent skin contact  
EYE PROTECTION..Chemical goggles.  
OTHER PRECAUTIONS..Clean clothing should be worn daily.

SECTION 11

ENVIRONMENTAL DATA

ENVIRONMENTAL TOXICITY DATA.... NONE AVAILABLE.  
SPILL OR LEAK PROCEDURES..... CONTAIN AND PLACED IN APPROVED CONTAINER.  
NEUTRALIZE REMAINING TRACES OF MATERIAL WITH SODA ASH AND DILUTE ACID, THEN FLUSH WITH WATER.  
CAUSTICS. THEN FLUSH WITH LARGE QUANTITIES OF WATER  
WASTE DISPOSAL METHOD..... PER LOCAL, STATE AND FEDERAL REGULATION  
CONTAINER DISPOSAL..... PER LOCAL, STATE AND FEDERAL REGULATION

SECTION 12

SHIPPING DATA

D.O.T. PROPER SHIPPING NAME..... HYDROCHLORIC ACID SOLUTION  
HAZARDOUS SUBSTANCE..... RQ 5000 LBS  
D.O.T. HAZARD CLASS..... 8  
D.O.T. LABELS REQUIRED..... CORROSIVE  
D.O.T. PLACARDS REQUIRED..... CORROSIVE  
POISON CONSTITUENT..... NONE  
BILL OF LADING DESCRIPTION..... SAFE SCALE  
PACKING GROUP..... II  
UN/NA CODE..... UN 1789

SECTION 13

SUPPLIER INFORMATION

While High Sierra Chemical believes the statements set forth herein are accurate as of the date hereof, High Sierra Chemical makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such data is offered solely for your consideration, investigation, and verification.