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Latest Revision Date...03/01/11
Print Date.....03/16/11
EMERGENCY PHONE NUMBER: 1-800-424-9300

FOAMING ACID CLEANER

SECTION 1 PRODUCT IDENTIFICATION

PRODUCT NAME OR NUMBER..... FOAMING ACID CLEANER
TRADE NAME OR CHEMICAL NAME..... FOAMING ACID CLEANER
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>PBL-OSHA</u>	<u>SEC. 313</u>	<u>NTP</u>	<u>IARC</u>	<u>PROP. 65</u>
PHOSPHORIC ACID	7664-38-2	<45	1 PPM	1 PPM	No	NO	NO	No

SECTION 3 REGULATORY DATA

NTP..... 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..... <2.0
SPECIFIC GRAVITY OR BULK DENSITY 1.29
SOLUBILITY IN WATER..... SOLUBLE
APPEARANCE..... CLEAR, LIGHT AMBER LIQUID
ODOR..... NONE

SECTION 5 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT °F (Test Method).... NON FLAMMABLE
AUTOIGNITION TEMPERATURE..... NONE
FLAMMABILITY LIMITS IN AIR (% V) NOT DETERMINED
EXTINGUISHING MEDIA..... WATER, CARBON DIOXIDE, FOG, DRY CHEMICAL.
SPECIAL FIRE FIGHTING PROCEDURES WEAR SELF CONTAINED BREATHING APPARATUS
AND FULL PROTECTIVE EQUIPMENT, SPRAY WITH
WATER TO MINIMIZE VAPOR AND TO COOL
EQUIPMENT EXPOSED TO HEAT.

FOAMING ACID CLEANER

SECTION 5

FIRE AND EXPLOSION HAZARD DATA

CONT'D

UNUSUAL FIRE & EXPLOSION HAZARDS CONTACT WITH COMMON METALS MAY GENERATE
HYDROGEN GAS WHICH CAN FORM FLAMMABLE
MIXTURE WITH AIR.

SECTION 6

HEALTH HAZARD DATA * EFFECTS OF OVEREXPOSURE

THRESHHOLD LIMIT.....SEE SECTION 2

SIGNS OF EXPOSURE:

SKIN.....IRRITATION, BURNING SENSATION, REDNESS

EYES.....IRRITATION, BURNS

MUCOUS MEMBRANBS.....IRRITATION, BURNING SENSATION

CHRONIC CONDITIONS OFSEVERE BURNS OF AFFECTED AREA OVEREXPOSURE

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.

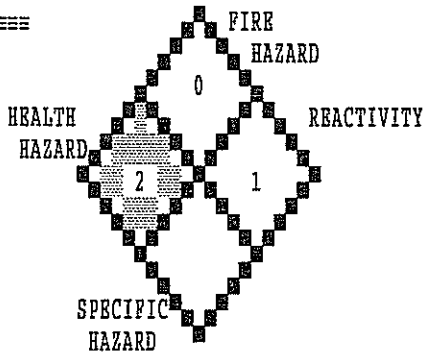
INGESTION....NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. DO NOT INDUCE VOMITING. GIVE LARGE
QUANTITIES OF WATER. GET MEDICAL ATTENTION IMMEDIATELY.

SECTION 8

HMIS RATING SYSTEM

NFPA

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HMIS RATING

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HEALTH HAZARD.....:2

FIRE HAZARD.....:0

REACTIVITY.....:1

PERSONAL PROTECTION.: SEE SECTION 10

SECTION 9

REACTIVITY DATA

PRODUCT STABILITY..... STABLE

Conditions to Avoid.....

CHEMICAL INCOMPATIBILITY..... ALKALIES, SULFITES AND SULFIDES. IT CAN
REACT WITH METALS TO LIBERATE HYDROGEN, A
FLAMMABLE GAS. DO NOT ADD WATER TO ACID.

HAZARDOUS DECOMPOSITION PRODUCTS A FLAME OR HIGH TEMPERATURE WILL EMIT
TOXIC PHOSPHOROUS OXIDE FUMES.

HAZARDOUS POLYMERIZATION..... WILL NOT OCCUR

Conditions to Avoid..... EXCESSIVE HEAT

FOAMING ACID CLEANER

SECTION 9

REACTIVITY DATA

CONT'D

CORROSIVE TO METAL..... YES
OXIDIZER..... NO

SECTION 10

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION.....Respirator protection is not required under normal use.
VENTILATION.....Local exhaust to control to recommended P.E.L.
PROTECTIVE CLOTHING.....Gloves, coveralls, aprons, boots
EYE PROTECTION.....Chemical goggles.

SECTION 11

ENVIRONMENTAL DATA

ENVIRONMENTAL TOXICITY DATA..... NONE KNOWN
SPILL OR LEAK PROCEDURES..... CONTAIN, COLLECT AND DISPOSE PER LOCAL, STATE AND FEDERAL REGULATIONS.
WASTE DISPOSAL METHOD..... PER LOCAL, STATE AND FEDERAL REGULATIONS.
CONTAINER DISPOSAL..... PER LOCAL, STATE AND FEDERAL REGULATIONS.

SECTION 12

SHIPPING DATA

D.O.T. PROPER SHIPPING NAME..... PHOSPHORIC 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..... FOAMING ACID CLEANER
PACKING GROUP..... III
UN/NA CODE..... UN 1805

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.