

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

HIGH SIERRA  
P.O. BOX 848  
CHIPPEWA FALLS, WI 54729

Phone#: (715) 723-4915

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EMERGENCY PHONE NUMBER: 1-800-424-9300

ACID FOAM

SECTION 1 PRODUCT IDENTIFICATION

PRODUCT NAME OR NUMBER..... ACID FOAM  
TRADE NAME OR CHEMICAL NAME..... ACID FOAM  
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>
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.

ACID FOAM

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, REDNRSS

EYES.....IRRITATION, BURNS

MUCOUS MEMBRANES.....IRRITATION, BURNING SENSATION

CHRONIC CONDITIONS OF .....SEVERE BURNS OF AFFECTED ARRA OVERRRXPUSURE

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 ATTETNION. WASH CLOTHING BEFORE REUSE.

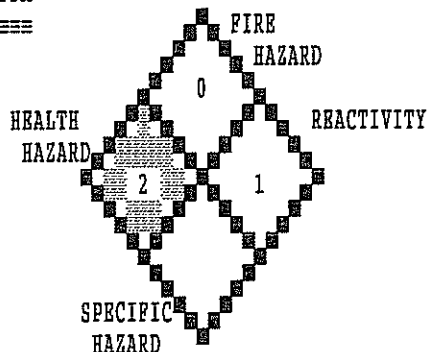
INGESTION....NEVER GIVE ANTHING BY MOUTH TO AN UNCONSCIOUS PERSON. DO NOT INDUCE VOMITING. GIVE LARGE  
QUANTITIES OF WATER. GET MEDICAL ATTENTION IMMEDIATELY.

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

ACID FOAM

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SECTION 9

REACTIVITY DATA

CONT'D  
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CORROSIVE TO METAL..... YES  
OXIDIZER..... NO

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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.

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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.

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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..... ACID FOAM  
PACKING GROUP..... III  
UN/NA CODE..... UN 1805

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SECTION 13

SUPPLIER INFORMATION

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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.  
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