

HY-TEST INDUSTRIES -- 62-SD LIME AND SCALE DISSOLVER -- 6850-00-926-5298

===== Product Identification =====

Product ID:62-SD LIME AND SCALE DISSOLVER

MSDS Date:08/18/1999

FSC:6850

NIIN:00-926-5298

Status Code:A

MSDS Number: CLC XK

=== Responsible Party ===

Company Name:HY-TEST INDUSTRIES

Address:99 MORRIS AVE

City:SPRINGFIELD

State:NJ

ZIP:07081

Country:US

Info Phone Num:973-467-4607

Emergency Phon

e Num:800-255-3924

Resp. Party Other MSDS Num.:C-62D

Preparer's Name:NOT PROVIDED

CAGE:5Y175

=== Contractor Identification ===

Company Name:HY-TEST INDUSTRIES

Address:99 MORRIS AVE

Box:City:SPRINGFIELD

State:NJ

ZIP:07081

Country:US

Phone:516-593-1434

Contract Num:SP0450-01-M-ZB61

CAGE:5Y175

===== Composition/Information on Ingredients =====

Ingred Name:PHOSPHORIC ACID

CAS:7664-38-2

RTECS #:TB6300000

Minimum % Wt:10.

Maximum % Wt:15.

Other REC Limits:NOT PROVIDED

OSHA PEL:1 MG

/M3
ACGIH TLV:1 MG/M3
ACGIH STEL:3 MG/M3
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

=====
===== Hazards Identification =====

LD50 LC50 Mixture:NOT PROVIDED
Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: CAUSES BURNS TO ALL TISSUES. DO NOT GET IN EYES, ON SKIN, OR CLOTHING, HARMFUL IF SWALLOWED. VAPORS IRRITATING TO EYES, NOSE AND THROAT. CHRONIC: PROLONGED OR REPEATED EXPOSURE MAY CAUSE IRRITATION OF THE SKIN, EYES, AND RESPIRATORY TRACT.
Explanation of Carcinogenicity:CONTAINS NO INGREDIENT THAT IS LISTED AS A CARCINOGEN OR POTENTIAL CARCINOGEN BY IARC, NTP, OR OSHA.
Effects of Overexposure:NOT PROVIDED
Medical Cond Aggravated by Exposure:NOT PROVIDED

=====
===== First Aid Measures =====

First Aid:INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION. IF AVAILABLE, GIVE OXYGEN. GIVE ARTIFICIAL RESPIRATION IF BREATHING STOPPED. EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTE S, KEEPING LIDS APART. GET IMMEDIATE MEDICAL ATTENTION. SKIN: SEE "EYES." REMOVE CLOTHING IF CONTAMINATED. INGESTION: DO NOT INDUCE VOMITING. DRINK LARGE QUANTITIES OF WATER OR MILK. GET IMMEDIATE MEDICAL ATTENTION.

=====
===== Fire Fighting Measures =====

Flash Point:NONE
Lower Limits:NA
Upper Limits:NA
Extinguishing Media:WATER FOG, FOAM, GAS (CO2/ HALON), DRY CHEMICAL.
Fire Fighting Procedures:IF POSSIBLE MOVE CONTAINERS FROM FIRE AREA AND COOL WITH WATER SPRAY. WEAR PROTECTIVE CLOTHING, EYE, FACE, AND SKIN PROTECTION.
Unusual Fire/Explosion Hazard:PHOPSHORIC ACID MIST CAN CAUSE IRRITATION OF THE EYES AND SKIN. THE ACID ALSO REACTS WITH MOST METAL TO PRODUCE EXPLOSIVE AND FLAMMABLE HYROGEN GAS.

=====
===== Accidental Release Measures =====

Spill Release Procedures:SPRINKLE AND EXCESS OF SODIUM BICAR

BONATE,
SODA ASH, OR SIMILAR ALKALI ON SPILL UNTIL FOAMING CEASES AND ACID
IS NEUTRALIZED. RINSE AREA WITH WATER.
Neutralizing Agent:SODIUM BICARBONATE, SODA ASH, OR SIMILAR ALKALI.

=====
===== Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL AREA AWAY FROM HEAT.
AVOID CONTACT WITH METALS, ALKALIES AND OXIDIZING MATERIALS. DO NOT
GET ON SKIN, EYES, OR CLOTHING, REMOVE CLOTHING AND FLUSH OFF
EXPOSED SKIN WITH WATER. USE
ADEQ UATE EYE AND SKIN PROTECTION.
WASH HANDS THOROUGHLY AFTER USE.
Other Precautions:KEEP CONTAINERS CLOSED. KEEP OUT OF THE REACH OF
CHILDREN.

=====
===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE REQUIRED.
Ventilation:LOCAL EXHAUST ADEQUATE.
Protective Gloves:ACID RESISTANT GLOVES.
Eye Protection:SAFETY GLASSES OR GOGGLES, FACE SHIELD
Other Protective Equipment:ACID RESISTANT APRON AND BOOTS.
Work Hygienic Practices:NOT PROVIDED
Supplementa
I Safety and Health
ABBREVIATION: N/A = NOT APPLICABLE. N/AV = NOT AVAILABLE. N/K =
UNKNOWN. N/P = NOT PROVIDED. N/R = NOT RELEVANT. N/D = NOT
DETERMINED. N/E = NOT ESTABLISHED.

=====
===== Physical/Chemical Properties =====

HCC:C1
NRC/State Lic Num:NOT RELEVANT
Boiling Pt:B.P. Text:COMPARABLE TO WATER
Melt/Freeze Pt:M.P/F.P Text:NOT PROVIDED
Decomp Temp:Decomp Text:NOT PROVIDED
Vapor Pres:NOT AVAILABLE
Vapor Density:NA
Spec Gravity:1.04 (WATER=1)
pH:NOT PROVIDED

Viscosity:NOT PROVIDED
Evaporation Rate & Reference:SLOWER (BUAC=1)
Solubility in Water:COMPLETE
Appearance and Odor:CLEAR, THIN GREEN LIQUID, NO ODOR
Percent Volatiles by Volume:NOT PROVIDED
Corrosion Rate:NOT PROVIDED

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
DO NOT MIX WITH OTHER CHEMICALS. KEEP AWAY FROM COMBUSTIBLE MATERIALS,
METALS, ALKALIES, ETC.
Stability Condition to Avoid:DO NOT STORE IN METAL CONTAINERS OR
AT
HIGH TEMPERATURES.
Hazardous Decomposition Products:TOXIC GASES, INCLUDING PHOSPHORIC ACID
FUMES MAY BE PRODUCED.

===== Toxicological Information =====

Toxicological Information:NOT PROVIDED

===== Ecological Information =====

Ecological:NOT PROVIDED

===== Disposal Considerations =====

Waste Disposal Methods:RINSE DRUM OFF & DISPOSE OF ACCORDING TO LOCAL
REGULATIONS FOR HAZARDOUS WA
STE.

===== MSDS Transport Information =====

Transport Information:CONSUMER COMMODITY ORM-D

===== Regulatory Information =====

SARA Title III Information:THIS SUBSTANCE IS A CHEMICAL SUBJECT TO THE
REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND
AMENDMENTS AND REAUTHORIZATION ACT (SARA) OF 1986 AND 40 CFR PART
372.

Federal Regulatory Information:NOT PROVIDED

State Regulatory Information:NOT PROVID

===== Other Information =====

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.