

DYNATECH SCIENTIFIC INC -- MIL-C-10578D TYPE V -- 6850-01-107-2551

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Product Identification
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Product ID:MIL-C-10578D TYPE V

MSDS Date:02/01/1994

FSC:6850

NIIN:01-107-2551

MSDS Number: BVGPB

=== Responsible Party ===

Company Name:DYNATECH SCIENTIFIC INC

Address:3111 CONTI ST

City:NEW ORLEANS

State:LA

ZIP:70119

Country:US

Info Phone Num:504-822-2036

Emergency Phone Num:504-822-2036

Prepare

r's Name:NONE

CAGE:0VL27

=== Contractor Identification ===

Company Name:DYNATECH SCIENTIFIC INC

Address:1401 27TH ST

Box:640164

City:KENNER

State:LA

ZIP:70064

Country:US

Phone:504-465-9604

CAGE:0VL27

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Composition/Information on Ingredients
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Ingred Name:PHOSPHORIC ACID (SARA III)

CAS:7664-38-2

RTECS #:TB6300000

Fraction by Wt: 53%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1 MG/M3/3 STEL

ACGIH TLV:1 MG/M3/3 STEL; 9394

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: EYES: DAMAGE, PERMANENT INJURY,
BLINDNESS. SKIN: IRRITATION, BURNS, TISSUE DESTRUCTION. DEATH FROM
EXTENSIVE BODY BURNS. INHALATION: RESPIRATORY IRRITATION, BREATHING
DIFFICULTY, PULMONARY EDEM A. INGESTION: CORROSIVE. MOUTH,
THROAT,STOMACH BURNS, CONVULSIONS, DEATH. C
HRONIC: DERMATITIS, SKIN
TISSUE DESTRUCTION.

Explanation of Carcinogenicity:NONE.

Effects of Overexposure:EYES: IRRITATION, DAMAGE, BLINDNESS. SKIN:
IRRITATION, BURNS, TISSUE DESTRUCTION, DERMATITIS, DEATH.
INHALATION: RESPIRATORY TRACT IRRITATION, BREATHING DIFFICULTY,
PULMONARY EDEMA. INGESTION: BURNS T O MOUTH, THROAT, AND STOMACH.
CHEST ANDSTOMACH PAIN. NAUSEA, VOMITING, BLOODY DIARRHEA,
CONVULSIONS, COLLAPSE, DEATH.

Medical Cond Aggravated by Exposure:NONE SPECIFIED
BY MANUFACTURER.

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First Aid Measures
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First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL
ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING, WASH SKIN WITH LARGE
AMOUNTS OF WATER. GET MEDICAL ATTENTION. INHALATION: MOVE TO FRESH
AIR. GET MEDICAL ATTENTION. INGESTION: GIVE LARGE AMOUNTS OF WATER
OR MILK. DO NOT INDUCE VOMITING. GIVE MILK OF MAGNESIA. GIVE FLUID
REPEATEDLY.GIVE MILK OR BEATEN EGGS AT 2-HOUR INTERVALS.GET
MEDICAL
ATTENTION.

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Fire Fighting Measures
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Flash Point:NONE

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE.

Fire Fighting Procedures:FIREMEN SHOULD WEAR MINIMUM PROTECTION
INCLUDING ALL PURPOSE CANISTER GAS MASKS APPROVED BY THE U.S.BUREAU
OF MINES.

Unusual Fire/Explosion Hazard:THIS PRODUCT IS NOT FLAMMABLE BUT IT CAN
REACT WITH METALS TO LIBERATE HYDROGEN, A FLAMMABLE GAS.

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Accidental Release Measures
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Spill Release Procedures:NEUTRALIZE SPILL WITH BASIC MATERIAL. FLUSH WITH LARGE AMOUNTS OF WATER.

Neutralizing Agent:BASIC MATERIAL.

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

Handling and Storage Precautions:STORE DRUMS AWAY FROM HEAT AND OUT OF DIRECT SUNLIGHT. IN HOT WEATHER, LOOSEN PLUGS OF STORED DRUMS WEEKLY OR MORE FREQUENTLY.

Other Precautions:READ ALL INSTRUCTIONS CAREFULLY BEFORE USING. PRODUCT CONTAINS MINERAL ACIDS. VAPOR IS HARMFUL. AVOID CONTACT WITH EYES AND SKIN. HARMFUL IF SWALLOWED. KEEP OUT OF REACH OF CHILDREN. CAUSES SEVERE BURNS.

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

Respiratory Protection:IF TLV IS EXCEEDED WEAR NIOSH/MSHA-APPROVED BREATHING APPARATUS.

Ventilation:PROVIDE LOCAL EXHAUST VENTILATION IF NEEDED TO MAINTAIN EXPOSURE LIMITS.

Protective Gloves:PROTECTIVE GLOVES RECOMMENDED.

Eye Protection:EYE PROTECTION RECOMMENDED.

Other Protective Equipment:WEAR PROTECTIVE CLOTHING AS NEEDED TO MINIMIZE SKIN EXPOSURE.

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health WHEN DILUTING, ADD ACID SLOWLY TO WATER WITH STIRRING TO AVOID SPLATTERING.

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

HCC:C1

Boiling Pt:B.P. Text:224F,107C

Vapor Density:>1

Spec Gravity:1.281

Evaporation Rate & Reference:LOW

Solubility in W

ater:COMPLETE

Appearance and Odor:CLEAR, RED LIQUID. MILD PERFUME ODOR.

Percent Volatiles by Volume:62

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

Stability Indicator/Materials to Avoid:YES

CAN REACT WITH METAL TO LIBERATE HYDROGEN.

Stability Condition to Avoid:NONE.

Hazardous Decomposition Products:PHOSPHORUS OXIDES.

Conditions to Avoid Polymerization:MAY NOT OCCUR.

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

Waste Disposal Methods:CONTACT YOU

R LOCAL ENVIRONMENTAL OFFICER.

DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. RINSE DRUMS THOUOUGHLY. RECYCLE OR DISCARD.

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