

THE SKYBRYTE CO -- OSPHO METAL TREATMENT -- 8030-01-392-2927

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

Product ID:OSPHO METAL TREATMENT

MSDS Date:05/01/1996

FSC:8030

NIIN:01-392-2927

Status Code:A

MSDS Number: CLNHW

=== Responsible Party ===

Company Name:THE SKYBRYTE CO

Address:3125 PERKINS AVE

City:CLEVELAND

State:OH

ZIP:44114-4627

Country:US

Emergency Phone Num:800-424-9300

Preparer's Name:ERNEST CART

ER

Chemtrec Ind/Phone:(800)424-9300

CAGE:6M876

=== Contractor Identification ===

Company Name:THE SKYBRYTE CO

Address:3125 PERKINS AVE

Box:City:CLEVELAND

State:OH

ZIP:44114-4627

Country:US

CAGE:6M876

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

Ingred Name:PHOSPHORIC ACID

CAS:7664-38-2

RTECS #:TB6300000

= Wt:45.

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  
=====

=====

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:PRIMARY HAZARD LIQUID IS CORROSIVE TO EYES AND SKIN, MIST PRODUCES IRRITATION TO EYES, NOSE, THROAT, AND LUNGS.

Effects of Overexposure:IRRITANT, SLIGHTLY TOXIC WHEN INHALED/INGESTED. SLIGHTLY TOXIC CAUSES BURNS TO EXPOSED TISSUE.

Medical Cond Aggravated by Exposure:EMPHYSEMA, ASTHMA OR OTHER CONDITIONS RESULTING IN DECREASED RESPIRATORY FUNCTION.

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

First Aid:CALL A PHYSICIAN IMMEDIATELY, INGESTION: GIVE LARGE QUANTITIES OF WATER, DO NOT INDUCE VOMITING, SKIN &EYES: FLUSH WITH WATER.

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

Unusual Fire/Explosion Hazard:MAY DECOMPOSE TO RELEASE OXYGEN AROUND 400C (750 F). WILL PRODUCE IRRITATING PHOSPHORIC OXIDE FUMES UNDER FIRE CONDITIONS.

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

Spill Release Procedures:WEAR SUITABLE PROTECTION CLOTHING, EYE PROTECTION AND RESPIRATOR. NEUTRALIZE.WITH SODA ASH AND FLUSH THE AREA WITH LARGE AMOUNTS OF WATER.

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

Handling and Storage Precautions:USE GOGGLES AND/OR FACE SHIELDS, RUBBER APRONS, GLOVES AND BOOTS WHERE SPLASHING OR LIQUID CONTACT MAY BE EXPECTED.

Other Precautions:FOR EXPOSURE TO AIRBORNE MIST USE NIOSH/MSHA ACID GAS RESPIRATORY WITH FULL FACE PIECE. KEEP STORED IN SUITABLE CONTAINER.

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

Respiratory Protection:NIOSH/MSHA ACID GAS WITH FULL FACE PIECE.

Ventilation:LOCAL EXHAUST ADEQUATE TO MEET PEL.

Protective Gloves:ACID RESISTANT

Eye Protection:CHEMICAL GOGGLES

Other Protective Equipment:RUBBER APRON AND BOOTS AS NECESSARY.

Work Hygienic Practices:STORE AND HANDLE AS STRONG ACID. WASH BEFORE EATING OR DRINKING.

Supplemental Safety and Health

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

cal Properties =====

Boiling Pt:=115.6C, 240.F

Spec Gravity:1.22+/-04

Evaporation Rate & Reference:VERY LOW

Solubility in Water:100%

Appearance and Odor:GREEN LIQUID WITH TYPICAL ACIDIC ODOR.

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

Stability Indicator/Materials to Avoid:YES

REACTION WITH METALS WILL LIBERATE HYDROGEN GAS. (EXTREMELY FLAMMABLE!)

Stability Condition to Avoid:AVOID CONTACT WITH STRONG ALKALIES. WITH METALS.

Hazardous Decompositio

n Products:PHOSPHORIC ACID FUMES. (STRONG IRRITANT)

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:NEUTRALIZE WITH SODA ASH OR LIME AND DISCHARGE INTO A TREATMENT SYSTEM IN ACCORDANCE WITH LOCAL REGULATIONS.

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 i

n 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.