

THE SKYBRYTE CO -- OSPHO METAL TREATMENT -- 8030-01-392-2925

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

Product ID:OSPHO METAL TREATMENT

MSDS Date:05/01/1996

FSC:8030

NIIN:01-392-2925

Status Code:A

MSDS Number: CLNHY

=== 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 =====

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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 PROTECT ION 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 Co

ntrols/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 Properties =====

Boiling Pt.=115.6

C, 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 Decomposition Products:PHOSPHORIC ACID FUMES. (STRONG  
IRRITAN

T)

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.

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