

PHIPPS PRODUCTS CORP. -- TRICHLOROETHYLENE -- 6810-00-184-4794

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Product Identification
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Product ID:TRICHLOROETHYLENE

MSDS Date:01/01/1987

FSC:6810

NIIN:00-184-4794

MSDS Number: BJZSM

=== Responsible Party ===

Company Name:PHIPPS PRODUCTS CORP.

Address:186 LINCOLN STREET, SUITE 502

City:BOSTON

State:MA

ZIP:02111-2403

Country:US

Preparer's Name:HMIS DGSC

CAGE:86511

=== Contractor Identifi

cation ===

Company Name:PHIPPS PRODUCTS CORP

Address:186 LINCOLN ST SUITE 502

Box:City:BOSTON

State:MA

ZIP:02111-2403

Country:US

Phone:OUT OF BUSINESS

CAGE:86511

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

CAS:79-01-6

RTECS #:KX4550000

Fraction by Wt: 100.0%

OSHA PEL:100 PPM/100 STEL

ACGIH TLV:50 PPM/100,A5STEL;93

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

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Hazards Identification
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LD50

LC50 Mixture:ORAL RAT LD50: 4920 MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO

Health Hazards Acute and Chronic:ACUTE: IRRITATION OF EYES, SKIN, RESPIRATORY OR G.I. TRACT; SEVERE PAIN, REDNESS OF EYES; DRYNESS OF SKIN; CNS EFFECT LIKE, VISUAL DISTURBANCES AND MENTAL CONFUSION, HEADACHE, NAUSEA, DIZZINESS, VOMIT ING. CHRONIC: LIVER, KIDNEY DAMAGE, CNSEFFECTS.

Explanation of Carcinogenicity:SUSPECTED ANIMAL CARCINOGEN.

Effects of Overexposure:SEE HEALTH HAZARD DATA.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. CPR/OXYGEN IF NECESSARY; CONSULT A PHYSICIAN. INGESTION: IF CONSCIOUS, GIVE TWO GLASSES OF WATER; CONSULT A PHYSICIAN IMMEDIATELY. SKIN AND EYES: FLUSH WITH PLENTY OF WATER FOR ABOUT 15-20 MINUTES, CALL A PHYSICIAN IMMEDIATELY.

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

Flash Point:NONE

Lower Limits:12.5

Upper Limits:90

Extinguishing Media:WATER SPRAY,CO*2,DRY CHEMICAL,FOAM

Fire Fighting Procedures:FULL PROTECTIVE CLOTHING AND NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED AREA.

Unusual Fire/Explosion Hazard:A STRONG IGNITION SOURCE CA PRODUCE IGNITION.

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION; CONTAIN FREE LIQUID IF POSSIBLE; REMOVE ALL IGNITION SOURCES. USE SUITABLE INERT ABSORBENT MATERIAL AND RECOVER FOR PROPER DISPOSAL.

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

Handling and Storage Precautions:STORE IN COOL, DRY AND WELL VENTILATED AREA. KEEP TIGHTLY CLOSED. PROTECT AGAINST PHYSICAL DAMAGE.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS/MIST IF ABOVE PEL/TLV OR SCBA

IN AN ENCLOSED AREA.

Ventilation:LOCAL EXHAUST/GENERAL TO MAINTAIN PEL/TLV.

Protective Gloves:IMPERVIOUS.

Eye Protection:CHEMICAL SAFETY GOGGLES.

Other Protective Equipment:IMPERVIOUS APRON; EYE-WASH FACILITIES.

Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN; DO NOT BREATHE VAPORS/MIST; WASH THOROUGHLY AFTER EACH USE.

Supplemental Safety and Health

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

HCC:T4

Boiling Pt:B.P. Text:188.6F/87C

Melt/Freeze Pt:M.P/F.P T

ext:-99.4F/-73C

Vapor Pres:57.8

Vapor Density:4.5;AIR=1

Spec Gravity:1.45

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR,COLORLESS LIQUID,CHLOROFORM LIKE

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

Stability Indicator/Materials to Avoid:YES

ALKALI HYDROXIDES, POWDERED METALS, LIQUID OXYGEN.

Stability Condition to Avoid:EXTREME HEAT, FLAMES, LIGHT UV LIGHT.

Hazardous Decomposition Products:CO, PHOSGENE AND HCL VAPORS.

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

Waste Disposal Methods:CONSULT LOCAL AUTHORITIES; DISPOSAL MUST BE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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