

TURCO PUREX INDUSTRIES SUB OF -- TURCO 5873

=====

MSDS Safety Information

=====

FSC: 8010
NIIN: 00-348-7716
MSDS Date: 04/26/1992
MSDS Num: BPFXF
Product ID: TURCO 5873
MFN: 02
Responsible Party
Cage: 1JD46
Name: TURCO PUREX INDUSTRIES SUB OF PENNWALT CORP
Address: 7300 BOLSA AVENUE
City: WESTMINIS
TER CA 92683-5211
Info Phone Number: 714-890-3600
Emergency Phone Number: 614-387-6200
Preparer's Name: JOHN F GRAINGER
Proprietary Ind: Y
Review Ind: Y
Published: Y

=====

Preparer Co. when other than Responsible Party Co.

=====

Cage: 1JD46
Name: TURCO PUREX INDUSTRIES SUB OF PENNWALT CORP
Address: 7300 BOLSA AVENUE
City: WESTMINISTER CA 92683-5211

=====

=====

Contractor Summary

=====

Cage: 1JD46
Name: TURCO PUREX INDUSTRIES SUB OF PENNWALT CORP
Address: 7300 BOLSA AVENUE
City: WESTMINISTER CA 92683-5211
Phone: 614-387-6200

=====

Item Description Information

=====

Item Manager: GSA
Item Name: REMOVER,PAINT
Unit of Issue: CN
Quantitative Expression: 00000000005GL
UI Container Qty: 0
Type of Cont

ainer: METAL

=====

Ingredients

=====

Name: *** PROPRIETARY ***

=====

Health Hazards Data

=====

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: YES

IARC: YES

Effects of Exposure: VAPOR: EYES: SEVERE IRRITATION. LIQUID: EYES:
SEVERE

IRRITATION, CHEMICAL BURNS, POSSIBLE PERMANENT DAMAGE, POSSIBLE BLINDNESS.
SKIN: MOD TO SEVERE IRRITATION. MAY BE ABSORBED THRU SKIN IN TOXIC AMOUN TS.
CHROMATES ARE SKIN SENSITIZERS. INHALATION: DIZZINESS, HEADACHE,
INTOXICATION. PERMANENT DAMAGE TO UPPER RESP TRACT.

Explanation Of Carcinogenicity: DICHLOROMETHANE: IARC--GROUP 2B, NTP--GROUP B.

HEXAVALENT CHROMIUM COMPOUNDS (AS CR): IARC--GROUP 1, NTP--GROUP A.

Signs And Symptions Of Overexposure: *** INGESTION: MODERATE TO SEV
ERE

IRRITATION OF GASTROINTESTINAL TRACT. MAY BE HARMFUL IF SWALLOWED. TOXIC
EFFECTS MAY NOT APPEAR IMMEDIATELY.

Medical Cond Aggravated By Exposure: METHYLENE CHLORIDE METABOLISM TO CO, MAY
LEAD TO ACCUMULATION OF DANGEROUS LEVELS OF CARBOXYHEMOGLOBIN WHICH MAYNOT
BE

TOLERATED BY PERSONS W/IMPAIRED CARDIO-PULMONARY FUNCTION. AGGRAVATED BY
SMOKING.

First Aid: EYE: IMMED FLUSH W/WATER 15 MIN. HOLD EYELIDS APART. GET MED AID.

SKIN: SPEED ESSENTIAL. FLUSH W/LRG QTY WATER. WASH W/SOAP, W
ATER. RINSE. IF

IRRIT/BLISTER, GET MED AID. INHAL: MOVE TO FRESH AIR. IF B REATH DIFFICULT,
GIVE OXYGEN. IF BREATHSTOPPED, GIVE ARTIF RESP. GET MED AID. INGEST: DON'T
INDUCE VOMIT W/O DR'S ADVICE. GIVE LRG QTY MILK/WATER. GET IMMED MED AID.
NOTHING BY MOUTH TO UNCONSCIOUS.

=====

Handling and Disposal

=====

Spill Release Procedures: CONC: CONTAIN SPILL. STOP LEAK AT SOURCE IF SAFE.
VENT A

REA. EVACUATE NONESSENTIAL PERSONNEL. PUMP LIQ INTO DOT DRUMS FOR DISPOSAL. ABSORB REMAINING LIQ ONTO INERT ABSORB, PLACE IN DOT DRUMS FOR DISPO SAL.KEEP CONC & WASH WATER FROM ENTER WATERWAYS #

Neutralizing Agent: N/K #OR SEWERS.

Waste Disposal Methods: 1 TRANSFR TO RECLAIM CTR FOR RECYCL/REUSE. 2 TRANSFR TO LIC HZD WASTE TREATNT/DISPOSAL SITE. SPENT SOLUTNS: SAME AS ABOVE. TREAT RINSE WTR AS HZD WASTE. REMOVE CHROMATE-REDUCTN & PERCIPITATN. REMOVE O RGANICS-OXIDATN &C

ARBON TREATMNT.SLUDGEHZD WASTE

Handling And Storage Precautions: STORE IN COOL AREA PROTECT FRM DIRECT SUN/RAIN/STAND WTR.AVOID SPURT. RELIEVE PRESSURE.AVOID CONTACT OF ALUM/GALVANIZED PARTS TO AVOID CHEM REACTION

Other Precautions: CLEAN EXTERIOR & INTERIOR BY FLUSH W/WATER. COLLECT FLUSHINGS FOR DISPOSAL. USE PROTECT EQUIP FOR EYES/SKIN/INHAL. VAPOR HEAVIER THAN AIR, TRAVEL ALONG GRND, COLLECT IN LOW AREAS. WEAR RESP PROTECT & SAFETY LINE IF ENTERING LOW AREA. ###

=====

=====

Fire and Explosion Hazard Information

=====

Flash Point Method: TCC

Flash Point Text: NONE TO BOIL

Extinguishing Media: FOAM, CARBON DIOXIDE, DRY CHEMICAL. SCAQMD COMPONTE VAPOR PRESSURE 20 MM. ** 1020 STEEL.

Fire Fighting Procedures: USE SELF-CONTAINED RESPIRATORY PROTECTION. ANY WATER RUNOFF MAY CONTAIN HEXAVALENT CHROME AND SHOULD NOT BE ALLOWED TO ENTER SEWER OR WATERWAYS.

Unusual Fire/E

xplosion Hazard: THERMAL DECOMPOSITION MAY PRODUCE TOXIC OXIDES OF CARBON AND CHLORINE. DRUMS EXPOSED TO 100F AND ABOVE MAY DEVELOP SUFFICIENT INTERNAL PRESSURE TO RUPTURE.

=====

Control Measures

=====

Respiratory Protection: IF TLV EXCEEDED, USE NIOSH SCBA POS PRESSURE HOSE MASK OR AIR LINE MASK (FULL FACEPIECE, POS PRESSURE MODE). BECAUSE OF SHORT BREAKTHRU TIME/POOR WARNING, ORGANIC VA

POR CARTRIDGE/CANISTER NOT RECOMM. IF RSPRTR USED, SCREEN, FORMALLY TRAIN.

Ventilation: MAINTAIN SUFFICIENT MECANICAL VENT TO KEEP CONCENTRATION BELOW TLV.

Protective Gloves: FACE SHIELD OR GOGGLES.

Eye Protection: NEOPRENE VITON, ETC GLOVES

Other Protective Equipment: PROTECTIVE SUIT NOT NORMALLY REQ'D, BUT ADVISED TO PREVENT PROLONGED/REPEATED EXPOSURE/CONTACT.

Work Hygienic Practices: PERSONS WEARING CONTACT LENSES SHOULD WEAR VAPOR PROOF FITTED GOGGLES.

Supplemental Safety and Healt

h: ## OBSERVE FROM SAFE DISTANCE, PERSON ENTERING
LOW AREA. NOTE: DON'T USE 1,1,1-TRICHLOROETHANE, METHYLENE CHLORIDE,
PERCHLOROETHYLENE/HALOGENATED SOLVENT/SOLVENT MIX W/HALOGENATED SOLVENTS
W/PRESSURIZ ABLE FLUID HANDLING EQUIP (AIRLESS SPRAY EQUIP W/ALUMINUM OR
GALVANIZED WETTED PARTS.

Physical/Chemical Properties

HCC: T4
B.P. Text: 105F, 41C
Vapor Pres: 230
Vapor Density:
>1
Spec Gravity: 1.18
PH: 10.0
Viscosity: 10 CPS
Solubility in Water: APPRECIABLE
Appearance and Odor: VISCOUS AMBER LIQUID, AMMONIACAL ODOR.
Percent Volatiles by Volume: 95
Corrosion Rate: <25MPY**

Reactivity Data

Stability Indicator: YES
Stability Condition To Avoid: OPEN FLAMES.
Materials To Avoid: CONTACT WITH STRONG ACIDS, STRONG OXIDIZING AGENTS.
Hazardous Decomposition Pr
oducts: HYDROGEN CHLORIDE, TOXIC COMPOUNDS OF CARBON,
CHLORINE AND/OR OXYGEN. CO, CO2, OTHER TOXIC VOLATILE ORGANIC COMPOUNDS.

Toxicological Information

Ecological Information

MSDS Transport Information

Regulatory Information

Other Information

Transportation Information

Responsible Party Cage: 1JD46
Trans ID NO: 69865

Product ID: TURCO 5873
MSDS Prepared Date: 04/26/1992
Review Date: 09/02/1992
MFN: 2
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: CN
Container QTY: 0
Type Of Container: METAL

=====

Detail DOT Information

=====

DOT PSN Code: EUP
DOT Proper Shipping Name: DICHLOROMETHANE
Hazard Class: 6.1
UN ID Num: UN1593
DOT Packaging Group: III
Label: KEEP AWAY FROM FOOD
Special Provision: N36,T13
Packaging Exception: 153
Non Bulk Pack: 203
Bulk Pack: 241
Max Qty Pass: 60 L
Max Qty Cargo: 220 L
Vessel Stow Req: A

=====

Detail IMO Information

=====

IMO PSN Code: FLF
IMO Proper Shipping Name: DICHLOROMETHANE
IMDG Page Number: 6127
UN Number: 1593
UN Hazard Class: 6.1
IMO Packaging Group: III
Subsidiary Risk Label: -
EMS Number: 6.1-02
MED First Aid Guide NUM: 340

=====

Detail IATA Information

=====

IATA PSN Code: XXX

=====

Detail AFI Information

=====

AFI PSN Code: IYW
AFI Proper Shipping Name: DICHLOROMETHANE
AFI Hazard Class: 6.1
AFI UN ID NUM: UN1593
AFI Packing Group: III
Special Provisions: P5, N36
Back Pack Reference: A10.5

=====

HAZCO

M Label

=====

Product ID: TURCO 5873
Cage: 1JD46
Company Name: TURCO PUREX INDUSTRIES SUB OF PENNWALT CORP
Street: 7300 BOLSA AVENUE
City: WESTMINISTER CA
Zipcode: 92683-5211
Health Emergency Phone: 614-387-6200
Label Required IND: Y
Date Of Label Review: 12/16/1998
Status Code: C
Label Date: 12/16/1998
Origination Code: G
Hazard And Precautions: VAPOR: EYES: SEVERE IRRITATION. LIQUID: EYES: SEVERE IRRITATION, CHEMICAL BURNS, POSSIBLE PERMANENT DAMAGE, POSSIBLE BLINDNESS.
SKIN: MOD TO SEVERE IRRITATION. MAY BE ABSORBED THRU SKIN IN TOXIC AMOUNTS. CHROMATES ARE SKIN SENSITIZERS. INHALATION: DIZZINESS, HEADACHE, INTOXICATION. PERMANENT DAMAGE TO UPPER RESP TRACT.*** INGESTION: MODERATE TO SEVERE IRRITATION OF GASTROINTESTINAL TRACT. MAY BE HARMFUL IF SWALLOWED. TOXIC EFFECTS MAY NOT APPEAR IMMEDIATELY.

=====

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, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruction who is not a military or civilian employee of the United States of America should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.