

TURCO PRODUCTS, INC -- TURCO 5351 -- 8010-01-023-0343

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

Product ID:TURCO 5351

MSDS Date:10/02/1992

FSC:8010

NIIN:01-023-0343

MSDS Number: BPMVH

=== Responsible Party ===

Company Name:TURCO PRODUCTS, INC

Address:7300 BOLSA AVENUE

City:WESTMINISTER

State:CA

ZIP:92684

Country:US

Info Phone Num:714-890-3600

Emergency Phone Num:614-387-6200

Preparer's Name:JOHN GRAINGE

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CAGE:0BYN5

=== Contractor Identification ===

Company Name:TURCO PRODUCTS, INC.

Address:7300 BOLSA AVE

Box:6200

City:WESTMINSTER

State:CA

ZIP:92684-3600

Country:US

Phone:614-387-6200

CAGE:0BYN5

Company Name:TURCO PUREX INDUSTRIES SUB OF PENNWALT CORP

Address:7300 BOLSA AVENUE

Box:City:WESTMINISTER

State:CA

ZIP:92683-5211

Country:US

Phone:614-387-6200

CAGE:1JD46

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

Ingred Name:PHENOL (SARA 313)

CAS:108-95-2

RTECS #:SJ3325000

Fr

action by Wt: 16.7%
Other REC Limits:NONE SPECIFIED
OSHA PEL:5 PPM (SKIN)
ACGIH TLV:5 PPM (SKIN)
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:SODIUM CHROMATE (SARA 313)
CAS:7775-11-3
RTECS #:GB2955000
Fraction by Wt: 1.0%
Other REC Limits:NONE SPECIFIED
OSHA PEL:0.1 MG/M3 (CRO3)
ACGIH TLV:0.05 MG/M3 (CR)
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:DICHLOROMETHANE (SARA 313)
CAS:75-09-2
RTECS #:PA8050000
Fraction by Wt: 54.1%
Other REC Limits:NONE SPECIFIED
OSHA PEL:500 PPM
ACG
IH TLV:50 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Other REC Limits:NONE SPECIFIED

Ingred Name:SODIUM ROSIN SOAP
CAS:61790-51-0
Other REC Limits:NONE SPECIFIED

Ingred Name:VOC: 198 GRAMS/LITER
RTECS #:9999999VO
Other REC Limits:NONE SPECIFIED

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acut

Acute and Chronic: VAPOR: CONTACT W/EYES MAY CAUSE SEVERE IRRITATION. LIQUID: CONTACT WITH EYES MAY CAUSE SEVERE IRRITATION/CHEMICAL BURNS/POSSIBLE PERMANENT DAMAGE/POSSIBLE BLINDNESS. SKIN: CONTACT W/SKIN MAY CAUSE MODERATE TO SEVERE IRRITATION. MAY BE ABSORBED THROUGH SKIN IN TOXIC AMOUNTS. CHROMATES ARE SKIN SENSITIZERS. INHALATION: Effects of Overexposure: #DIZZINESS, HEADACHE, INTOXICATION. INHALATION OF MIST OF CHROMATE-CONTAINING MATERIALS MAY CAUSE PERMANENT DAMAGE

TO UPPER RESPIRATORY TRACT. OVEREXPOSURE MAY CAUSE CANCER RISK. INGESTION: MODERATE TO SEVERE IRRITATION OF GASTROINTESTINAL TRACT. MAY BE HARMFUL IF SWALLOWED. TOXIC EFFECTS MAY NOT APPEAR IMMEDIATELY.

Medical Condition Aggravated by Exposure: METABOLISM OF METHYLENE CHLORIDE TO CO MAY LEAD TO ACCUMULATION OF DANGEROUS LEVELS OF CARBOXYHEMOGLOBIN WHICH MAY BE UNTOLERABLE TO PERSONS W/IMPAIRED CARDIO-PULMONARY FUNCTION. AGGRAVATED W/SMOKING.

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

First Aid: EYE: IMMEDIATELY FLUSH W/WATER 15 MIN, LIFT LIDS. GET MEDICAL AID. SKIN: SPEED ESSENTIAL-FLUSH W/LG VOL OF WATER. WASH W/ SOAP, WATER-RINSE. IF IRRITATED/BLISTER-GET MEDICAL AID. INHALATION: REMOVE TO FRESH AIR. IF BREATHING DIFFICULT-ADMINISTER OXYGEN/IF STOP-ARTIFICIAL RESPIRATION. GET MEDICAL AID. INGESTION: DO NOT INDUCE VOMITING-W/O DOCTOR. IF VICTIM IS CONSCIOUS-DILUTE BY GIVING LG VOL-MILK/WATER. GET MEDICAL AID. NEVER INDUCE VOMITING-NOTHING BY MOUTH TO UNCONSCIOUS PERSON

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

Flash Point Method: SCC
Flash Point: NONE TO BOIL
Extinguishing Media: CARBON DIOXIDE, FOAM, WATER FOG. *1020 STEL
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/Explosion Hazard: THERMAL DECOMPOSITION MAY PRODUCE TOXIC OXIDES OF CARBON AND CHLORINE. DRUMS EXPOSED TO 100F AND ABOVE MAY DEVELOP SUFFICIENT

ENT INTERNAL PRESSURE TO RUPTURE.

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

Spill Release Procedures:CONTAIN SPILL-STOP LEAK AT SOURCE IF SAFE-VENT AREA. EVAC AREA UNTIL CLEANUP COMPLETE. PUMP LIQ INTO DOT-APPROV DRUMS FOR DISPOSAL. ABSORB REMAIN LIQ ONTO INERT ABSORB-PLACE IN DOT DRUMS FOR DISPOSAL. WASH AREA W/WTR. COLLECT WASHINGS-PLACE IN DOT

Neutralizing Agent:N/K DRUMS FOR DISPOSAL. KEEP CONC/WASH WATER FROM ENTERING SEWERS OR WATERWAYS

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

Handling and Storage Precautions:COOL AREA FROM SUN/RAIN/STAND WTR. AVOID SPURT. VAPOR HEAVIER THAN AIR TRAVEL ALONG GRND, COLLECTS IN LOW AREA. WEAR RESP/SFTY LINE-KEPT UNDER OBSERV\$

Other Precautions:\$FROM PERSON AT SAFE DISTANCE. NOTE: DONT USE 1,1,1-TRICHLOROETHANE/METHYLENE CHLORIDE/PERCHLOROETHYLENE/HALOGENATED SOLVENT/SOLVENT MIX W/HALOGENATED SOLVENTS W/PRESSURIZABLE FLUID HANDLING EQUIP SP RAY W/ ALUMINUM OR GALVANIZED WETTED\$\$

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

Respiratory Protection:IF TLV EXCEED-NIOSH SCBA/POSS PRESS HOSE MASK/AIRLINE MASK ADVISED W/FULL FACE PIECE & OPERATED IN POSS PRESS MODE. ORGANIC VAPOR CARTRDG/CANISTER NOT RECOMM. IF RESP USED-FORMAL TRNG/SCRNG PROGRM MU ST BE INITIATED. SEE 29 CFR 1910-134.

Ventilation:SUFFIC MECH VENT-KEEP CONC BELOW TLV.

Protective Gloves:NEOPRENE, OTHER IMPERVIOUS MATERIAL

Eye Protection:F

ACE SHIELD OR GOGGLES

Other Protective Equipment:BOOTS AND APRON MADE OF NEOPRENE/OTHER IMPERVIOUS MATL. PROTECT SUIT NOT NORMALLY REQ-ADVISED FOR PROLONGED SKIN CONTACT

Work Hygienic Practices:WASH HANDS/FACE W/SOAP-WTR BEFORE SMOKING/EATING. IMMED RMV CONTAM CLOTH-LAUNDER BEFORE REUSE. DISCARD SHOES IF CONTAM

Supplemental Safety and Health

\$\$PARTS. DIRECT CONTACT COULD RESULT IN UNCONTROLLABLE CHEM REACTION AND POSSIBLE EXPLOSION. REPAIR/MAINTENANCE OF CONTAM EQUIP: RE

LIEVE ANY PRESSURE. COVER OPENINGS TO AVOID SPURTING. CLEAN EXTERIOR AND INTERIOR BY FLUSHING W/WATER. COLLECT FLUSHINGS FOR DISPOSAL. USE PROTECTIVE EQUIP FOR EYES, SKIN AND INHALATION.

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

HCC:T4

Boiling Pt:B.P. Text:105F,41C

Vapor Pres:110 MM HG

Vapor Density:>1

Spec Gravity:1.14

pH:8

Viscosity:30 CPS

Evaporation Rate & Reference: