

TURCO PRODUCTS, INC. -- TURCO 5469 -- 8010-00-926-1488

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

Product ID:TURCO 5469

MSDS Date:10/31/1985

FSC:8010

NIIN:00-926-1488

MSDS Number: BFWRW

=== Responsible Party ===

Company Name:TURCO PRODUCTS, INC.

Address:7300 BOLSA AVENUE

City:WESTMINSTER

State:CA

ZIP:92684-3600

Info Phone Num:(714)890-3600

Emergency Phone Num:(614)387-6200

CAGE:0BYN5

=== Contractor Ident

ification ===

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

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

Ingred Name:METHYLENE CHLORIDE (SARA III)

CAS:75-09-2

RTECS #:PA8050000

Fraction by Wt: 55%

Other REC Limits:100 PPM

OSHA PEL:500 PPM/C,1000; Z2

ACGIH TLV:50 PPM, A2; 9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:PHENOL

CAS:108-95-2

RTECS #:SJ3325000

Fr

action by Wt: 20%  
Other REC Limits:5 PPM SKIN  
OSHA PEL:S, 5 PPM  
ACGIH TLV:S, 5 PPM; 8990  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:SODIUM CHROMATE (SARA III)  
CAS:7775-11-3  
RTECS #:GB2955000  
Fraction by Wt: 1%  
Other REC Limits:C.0.1 G/M3 CRO\*3  
OSHA PEL:0.1 PPM CRO3;CEILING  
ACGIH TLV:0.05 MG CR/M3; 9192  
EPA Rpt Qty:10 LBS  
DOT Rpt Qty:10 LBS

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

LD50 LC50 Mixture:N/K

Routes of Entry: Inhalation:YES Skin:YES Ingestio  
n:NO

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES

Health Hazards Acute and Chronic:EYES:VAPOR-MOD TO SEVERE

IRRI,LIQ-SEVERE DAMAGE,MAY CAUS BLNDNSS.SKN:CHEM BURN;POSS  
NECROSIS,DEFATTNG.MAY BE ABSOR THROU SKN IN TOX AMTS.CHROMATE ARE  
SKN SENSITZRS.INHAL:DIZZ,HDACHE,INTOX.INHAL OF MIS T OF  
CHROMATE-CNTAIN MATL MAY CAUS PERMDAM TO UP RESP TRACT,& MAY CAUS  
LNG CANCER RISK.INGES\*SEV IRRI (SGN&SYM OVEXPSR)

Explanation of Carcinogenicity:N.CHLRDE:IARC-SUFF FOR ANIM,INAD

Q FOR

HMN(IARC,VOL.41,86),ACGIH-SUSP HMN CARC.S.CHROM:IARC-CHROM&CERT  
CHROM CMP(SUP DAT)

Effects of Overexposure:CONT FROM HEALTH HAZ DATA DATA:TO

GASTROINTESTINAL TRACT, MAY BE HARMFUL/FATAL IF SWALLOW. TOXIX  
EFFECTS MAY NOT APPEAR IMMEDIATELY.

Medical Cond Aggravated by Exposure:METABLISM OF INGRE 1 TO CO MAY LEAD

TO ACCUM OF DANGEROUS LVL OF CARBOXYHEMOGLIOBIN WHICH MAY NOT BE  
TOLERATD BY PERSONS W/IMPAIRED CARDIO-PULMONARY FUNCTION.THS MAY BE  
AGGRAVATED BY SMOKING.

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

First Aid:EYE:IMME FLUSH W/LGE VOL OF WTR FOR AT LEAST 15MIN.OBTAIN MED ATTN.SKN:FLUSH AFFECTED AREA W/CLEAN COOL WTR.WASH W/SOAP & WTR.RINSE THROUGHLY.IF IRRI PERSISTS/BLISTERNG OCCUR,OBTAIN MED ATTN,INHAL:RMO V TO FRESH AIR.SUPPORT BRTHNG (GIV O\*2/ART RESP),OBTAIN MED ATTN.INGES:DO NOT INDUCE VOM EXCEPT ON ADVICE OF QUAL MED PERS.IF VICTM IS CONSCIOUS,DLUTE BY GIV LGE VOL OF MLK/WTR.OBTAIN(SUP DAT).

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

Flash Point Method:SCC  
Flash Point:NONE TO BOIL  
Lower Limits:N/K  
Upper Limits:N/K  
Extinguishing Media:CATBON DIOXIDE, FOAM, WATER FOG  
Fire Fighting Procedures:WEAR NIOSH/MSHA APPRO PRESS DMAND SCBA & FULL PROT EQPT.ANY WTR RUNOFF MAY CONTAIN HEXAVALENT CHROME & SHLD NOT BE ALLOWED TO ENTER SEWER/WTR-WAYS.  
Unusual Fire/Explosion Hazard:THRML DCOMP MAY PROD TOX OXIDES OF CARBON & CHLORINE.DRUM EXPO TO 100F/37.BC&A  
BV MAY DEV SUFF INTER PRESS TO RUPTRE.THRML DCOMP PROD MAY INCL HCL&PHOSGENE

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

Spill Release Procedures:CONTAIN SOLLAGE.STOP LEAK AT SOURCE.EVAC NONESSEN PERS.PUMP LIQ INTO DOT-APPRO DRUM FOR DSPOS.ABSOR RMAIN LIQ W/INERT MATL&PLACE IN DOT-APPRO DRUM.WASH AREA W/WTR.COLLECT WASHNG&PLACE IN DOT-APPRO DRUM .KEEP CONCEN&WASH WTR FROM ENTER SEWER/WATERWAYS.  
Neutralizing Agent:N/K

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

Handling and Storage Precautions:STOR IN COOL AREA PROT FROM EXPOS TO DIRCT SNLGH,RAIN/STND WTR.USE CARE IN OPN CNTNR TO AVOID SPURTNG.CAUT:VAPR FRM PROD ARE HTA TRAV(OTHR PRECA)  
Other Precautions:ALNG GRND TO COLLECT IN LOW LYNG AREA.PERSN ENTR AREA MST BE PROV W/RESP PROT&SAFTY LINE.THEY SHLD BE KEPT UNDR OBSER WHIL IN AREA BY ANOTHR MAN AT SAFE DSTANC.PERS WEARNG CNTCT LENS SHLD WEAR VAPOR-P RF WLL-FIT GOGGLES.

===== Exposure

Controls/Personal Protection =====

Respiratory Protection:IF TLV EXCEED;NIOSH/MSHA APPRO SCBA,POS PRESS HOSE MASK/AIR LINE MASK ADVISD.SHLS HAV FULL FACE PIEC&BE OPER IN POS PRESS MODE.BCAUS OF SHORT.BRKTHRH TIME OF INGRED 1 & ITS POOR WARNING PROP,ORG VAP C ARTRDG/CANSTR CONCEN NOT RECOMMENDED.

Ventilation:MAINTAIN SUFFICIENT MECHANICAL VENTILATION TO KEEP CONCEN BELOW TLV.

Protective Gloves:NEOPRENE

Eye Protection:CHEM WORK GOGGLES & FACE SHIELD

Other Protective Equ

ipment:NEOPRENE BOOTS & APRON. PROTECTIVE SUIT IF REQUIRED TO AVOID PROLONGED/REPEATED SKIN CONTACT.

Work Hygienic Practices:WASH HNDS&FAC W/SOAP&WTR BFOR SMK/EAT.IMME RMV CONTAM CLOTH.LAUNDR BFOR RUSE.DO NOT LAUNDR AT HOME.DSCARD CONTAM SHOES.

Supplemental Safety and Health

PH:3.17 IN H\*20 IS 7-9.EMER 1ST AID:IMME MED ATTN.NVR ATTMPT TO INDUC VOM/GIV ANYTHNG BY MOUTH TO UNCONS PRSN.WSTE DSPOS:RDUCTN&PRCIP.RMV ORGANC BY OXDTN&CARBN TRTMNT. CLARFD RINS WTR MAY BE RLEAS TO SE WR

IF LCL REG PRMIT.PRF WLL-FIT GOG.CARCIN:SUFF EVID OF CARS(MNGRPH);NTP-CHROM&CERT CHROM CMPD-KNWN TO BE CARC.

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

HCC:T4

Boiling Pt:B.P. Text:8010/40.6C

Melt/Freeze Pt:M.P/F.P Text:N/K

Decomp Temp:Decomp Text:N/K

Vapor Pres:400

Vapor Density:>1

Spec Gravity:1.14

pH:SP DAT

Evaporation Rate & Reference: