

TURCO PRODUCTS,INC. -- TURCO 5469 -- 8010-00-142-9273

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Product Identification
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Product ID:TURCO 5469

MSDS Date:10/31/1985

FSC:8010

NIIN:00-142-9273

MSDS Number: BDBSQ

=== 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:D9808

=== Contractor Identific

ation ===

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 PRODUCTS,INC.

Box:6200

City:PHILADELPHIA

State:PA

ZIP:19103

Country:US

Phone:215-419-7890

CAGE:D9808

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

CAS:75-09-2

RTECS #:PA8050000

Fraction by Wt: 50-55%

OSHA PEL:500 PPM/C,1000; Z2

ACGIH TLV:50 PPM, A2; 9192

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PA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:PHENOL
CAS:108-95-2
RTECS #:SJ3325000
Fraction by Wt: 15-20%
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:0.1 MG/M3(C)(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

Ingred Name:MANUFACTURER STATES THAT THE BALANCE OF PRODUCT IS NOT
H
AZARDOUS BY US DEPT OF LABOR DEF.

Ingred Name:RESTRICTED USE ABOARD SUBMARINES PER NAUSEA
S9510-AB-ATM-010/(C) SUB ATM CONTROL MANUAL

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

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:EYES:VAPORS,MODERATE TO SEVERE
IRRITATION.LIQUID,SEVERE DAMAGE,MAY CAUSE BLINDNESS;SKIN:CHEMICAL
BURNS,POSSIBLE NECROSIS,DEFATTING.MAY BE ABSORBED THROUGH SKIN IN
TOXIC AMOUNTS.CHROMATES A
RE SKIN SENS
ITIZERS;INHALATION:DIZZINESS,HEADACHE,INTOXICATION.INHALATION OF
MIST--CONTINUED ON SIGNS & SYMPTOMS OF OVEREXPOSURE--
Explanation of Carcinogenicity:CHROMIUM VI IS HUMAN CARCINOGEN BY
IARC,NTP.
Effects of Overexposure:CONT'D FROM HEALTH HAZARDS:OF CHROMATE
CONTAINING MATERIALS MAY CAUSE PERMANENT DAMAGE TO UPPER
RESPIRATORY TRACT & MAY CAUSE LUNG CANCER RISK;INGESTION:SEVERE
IRRITATION TO GASTROINTESTINAL TRACT.MAY BE HARMFUL IF
SWALLOWED.TOXIC EFFECTS

MAY NOT APPEAR IMMEDIATELY.

Medical Cond Aggravated by Exposure: PERSONS WITH IMPAIRED

CARDIO-PULMONARY FUNCTION. THIS MAY BE AGGRAVATED BY SMOKING.

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

First Aid: EYES: FLUSH WITH PLENTY OF WATER. SEE DOCTOR; SKIN: FLUSH WITH WATER. WASH WITH SOAP & WATER. RINSE IF IRRITATION PERSISTS, SEE DOCTOR; INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN/CPR IF NEEDED. SEE DOCTOR; INGESTION: DO NOT INDUCE VOMIT. IF CONSCIOUS, GIVE LARGE

AMOUNTS OF MILK OR WATER. SEE DOCTOR. NOTHING BY MOUTH IF UNCONSCIOUS.

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

Flash Point Method: SCC

Flash Point: NONE TO BOIL

Extinguishing Media: CO₂, FOAM, WATER FOG.

Fire Fighting Procedures: WEAR SCBA. ANY WATER RUNOFF MAY CONTAIN HEXVALENT CHROME & SHOULD NOT BE ALLOWED TO ENTER SEWER OR WATERWAYS.

Unusual Fire/Explosion Hazard: THERMAL DECOMPOSITION MAY PRODUCE TOXIC OXIDES OF CARBON & CHLORINE. DRUMS EXPOSED TO 100F (38C) & ABOVE MAY DEVELOP SUFFICIENT INTERNAL PRESSURE TO RUPTURE.

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

Spill Release Procedures: CONTAIN. STOP LEAK IF SAFE TO DO SO. VENTILATE. EVACUATE PERSONNEL. WEAR SCBA & PROTECTIVE EQUIPMENT. ABSORB LIQUID IN INERT MATERIAL & PLACE IN DOT-APPROVED DRUMS. WASH AREA WITH WATER. COLLECT WASHINGS & PLACE IN DOT-APPROVED CONTAINERS.

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

Handling and S

storage Precautions: STORE IN COOL AREA, PROTECTED FROM SUNLIGHT, RAIN, STANDING WATER. USE CARE IN OPENING CONTAINERS TO AVOID SPURTING.

Other Precautions: VAPORS HEAVIER THAN AIR. WILL COLLECT IN LOW AREAS. WEAR SCBA & SAFETY LINE WHEN ENTERING THESE AREAS. KEEP WATCH BY ANOTHER PERSON AT SAFE DISTANCE. PERSONS WEARING CONTACT LENSES, WEAR VAPOR-PROOF GOGGLES.

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

Respiratory Protection: SCBA, (RESPIRATORS NOT RECOMMENDED)

BECAUSE OF THE
SHORT BREAKTHROUGH TIME OF METHYLENE CHLORIDE & ITS POOR WARNING
PROPERTIES),IF TLV IS EXCEEDED.

Ventilation:MECHANICAL (GENERAL) VENTILATION TO MAINTAIN BELOW TLV.

Protective Gloves:NEOPRENE.

Eye Protection:GOGGLES.

Other Protective Equipment:BOOTS,APRON & PROTECTIVE SUIT IF REQUIRED TO
AVOID PROLONGED OR REPEATED SKIN CONTACT.

Work Hygienic Practices:WASH WITH SOAP & WATER BEFORE SMOKING OR
EATING.REMOVE CONTAMINATED CLOTHING & LAUNDRER.DISCARD CONTAMINATED
S

HOES.

Supplemental Safety and Health

NIOSH STATES THAT BOTH CO & DICHLOROMETHANE SHOULD BE MONITORED WHEN
EXPOSURE TO THE LATTER OCCURS. (SEE NIOSH CRITERIA DOCUMENT) VAPOR
DENSITY OF DICHLOROMETHANE IS 2.9 TIMES THAT OF AIR.

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

HCC:C1

Boiling Pt:B.P. Text:100-105F

Vapor Pres:350-400F

Vapor Density:>1

Spec Gravity:1.14

pH:3.1

Evaporation Rate & Reference: