

TURCO PRODUCTS INC SUB OF PENNWALT CORP -- TURCO 5006, TYPE 1, CLASS 1 --
6850-00-702-8451

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

Product ID:TURCO 5006, TYPE 1, CLASS 1

MSDS Date:12/01/1992

FSC:6850

NIIN:00-702-8451

MSDS Number: BFLYP

=== Responsible Party ===

Company Name:TURCO PRODUCTS INC SUB OF PENNWALT CORP

Address:24700 SOUTH MAIN STREET

Box:6200

City:CARSON

State:CA

ZIP:90749

Country:US

Info P

hone Num:714-387-6200

Emergency Phone Num:714-387-6200

CAGE:61102

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:TURCO PRODUCTS, INC. DIVISON OF ELF ATOCHEM NORTH AMERICA

Address:2000 MARKET ST

Box:City:PHILADELPHIA

State:PA

ZIP:19103-3222

Country:US

Phone:215-419-7890

CAGE:61102

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

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Ingred Name:METHYLENE CHLORIDE (SARA III)

CAS:75-09-2

RTECS #:PA8050000

Fraction by Wt: 55%

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

Fraction by Wt: 30%

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: 0.5%

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:SODIUM HYDROXIDE (SARA III)

CAS:1310-73-2

RTECS #:WB4900000

Fraction by Wt: 1%

OSHA PEL:2 MG/M3

ACGIH TLV:C 2 MG/M3; 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:NOT SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:MODERAT

E TO SEVERE EYE IRRITATION,
CHEMICAL BURNS ON SKIN, POSSIBLE NECROSIS, DEFATTING. MAY BE
ABSORBED THROUGH THE SKIN. CHROMATES ARE SKIN SENSITIZERS. CENTRAL
NERVOUS SYSTEM DEPRESSION, DAMAGE TO UPPER RESPIRATORY TRACT, LUNG
CANCER RISK, SEVERE IRRITATION TO GASTROINTESTINAL TRACT.

Explanation of Carcinogenicity:PRODUCT DOES CONTAIN CHROMATE ALTHOUGH
IN CONCENTRATIONS LESS THAN 0.1 %.

Effects of Overexposure:EYE IRRITATION, BLINDNESS, CHEMICAL BURNS,
NECROSIS, DIZZINESS, H

EADACHE, INTOXICATION, PERMANENT DAMAGE TO
UPPER RESPIRATORY TRACT, SEVERE IRRITATION TO GASTROINTESTINAL
TRACT. MAY BE HARMFUL OR FATAL IF SWALLOWED. TOXIC EFFECTS MAY NOT
APPEAR IMMEDIATELY.

Medical Cond Aggravated by Exposure:METABOLISM OF METHYLENE CHLORIDE TO
CARBON MONOXIDE MAY LEAD TO ACCUMULATION OF DANGEROUS LEVELS OF
CARBOXYHEMOGLOBIN WHICH MAY NOT BE TOLERATED BY PERSONS WITH
IMPAIRED CARDIO-PULMONARY FUNCTION.

===== First Aid Measures =====
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First Aid:INHALATION: REMOVE FROM EXPOSURE. RESTORE BREATHING. KEEP
WARM AND QUIET. GET MEDICAL ATTENTION. SKIN: WASH AFFECTED AREA
THOROUGHLY WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL
ATTENTION. EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES.
GET MEDICAL ATTENTION.INGESTION: DO NOT INDUCE VOMITING. DILUTE BY
GIVING LARGE VOLUMES OF WATER OR MILK. GET MEDICAL ATTENTION
IMMEDIATELY.

===== Fire Fighting Measures =====
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Flash Point Method:SCC

Flash Point:NONE TO BOILING

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:CARBON DIOXIDE, FOAM, WATER FOG

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
DEVELOP

SUFFICIENT INTERNAL PRESSURE TO RUPTURE.

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

Spill Release Procedures:STOP LEAK IF POSSIBLE. VENTILATE AREA.
EVACUATE NONESSENTIAL PERSONNEL. ABSORB LIQUID WITH INERT MATERIAL
AND PLACE IN APPROVED CONTAINERS FOR DISPOSAL. WASH AREA WITH
WATER. COLLECT WASHING AND PLACE IN DRUMS. KEEP FROM ENTERING
SEWERS AND WATERWAYS
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage
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Handling and Storage Precautions:STORE IN COOL AREA PROTECTED FROM
EXPOSURE TO DIRECT SUNLIGHT, RAIN OR STANDING WATER. USE CARE IN
OPENING CONTAINERS TO AVOID SPURTING.
Other Precautions:VAPORS FROM THIS PRODUCT ARE HEAVIER THAN AIR AND
WILL TRAVEL ALONG THE GROUND TO COLLECT IN LOW LYING AREAS, SUCH AS
SUMPS.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION
EXOSU
RES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER
CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH RESPIRATOR
SELECTION. CARTRIDGE TYPE NOT RECOMMENDED
Ventilation:MAINTAIN SUFFICIENT MECHANICAL VENTILATION TO KEEP
CONCENTRATIONS BELOW ACCEPTABLE LEVELS.
Protective Gloves:NEOPRENE
Eye Protection:CHEMICAL FACE SHIELD OR GOGGLES
Other Protective Equipment:BOOTS & APRON IF REQUIRED TO AVOID PROLONGED
OR REPEATED SKIN CONTACT.
Work Hygienic Practices:WASH HANDS
AND FACE WITH SOAP AND WATER BEFORE
SMOKING OR EATING. IMMEDIATELY REMOVE CONTAMINATED CLOTHING.
LAUNDER.
Supplemental Safety and Health
DO NOT LAUNDER CONTAMINATED CLOTHING AT HOME. DISCARD CONTAMINATED
SHOES. PERSONS WEARING CONTACT LENSES SHOULD WEAR VAPOR-PROOF
WELL-FITTING GOGGLES.

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

HCC:C2
Boiling Pt:B.P. Text:105F,41C
Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN
Vapor Pres:400
Vapor Density:> 1
Spec Gravity:1.20

Evaporation Rate & Reference:< 1 (BUTYL ACETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:THIN AMBER LIQUID, CHLORINATED SOLVENT ODOR

Percent Volatiles by Volume:80 %

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS, STRONG OXIDIZING AGENTS

Stability Condition to Avoid:OPEN FLAMES

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,
PHOSGENE, ACID GASES, OTHER TOXIC VOLATILE ORGANIC COM
POUNDS

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING
ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR
LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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