

TURCO PRODUCTS INC -- TURCO 4316-L -- 6850-01-304-6416

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

Product ID:TURCO 4316-L

MSDS Date:09/30/1997

FSC:6850

NIIN:01-304-6416

MSDS Number: CHMFS

=== Responsible Party ===

Company Name:TURCO PRODUCTS INC

Address:2375 STATE RD

City:CORNWELLS HEIGHTS (FORMALLY BENSALEM

State:PA

ZIP:19020

Country:US

Info Phone Num:215-245-3128

Emergency Phone Num:215-419-6376

Prepar

er's Name:JOHN F. GRAINGER

CAGE:0BYL8

=== Contractor Identification ===

Company Name:AMJAY CORP. DBA AMJAY CHEMICALS

Address:11200 WESTHEIMER SUITE 310

Box:218786

City:HOUSTON

State:TX

ZIP:77218-8786

Country:US

Phone:713-492-2000

CAGE:64184

Company Name:ELF ATOCHEM NORTH AMERICA INC

Address:2375 STATE ROAD

Box:City:BENSALEM

State:PA

ZIP:19020

Country:US

Phone:215-245-3128

CAGE:02BJ0

Company Name:TURCO PRODUCTS INC

Address:7300 BOLSA AVE

City:WESTMINSTER

State:CA

ZIP:92684-3600

Country:US

Phone:7

14-890-3600
CAGE:0BYL8
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. 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

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Composition/Information on Ingredients
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Ingred Name:NO INGREDIENT FOR THIS FORMULATION_INGREDIENT

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=== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:EYES:CAUSES SEVERE BURNS,POSSIBLE
PERMANENT TISSUE DAMAGE ...BLINDNESS.SKIN:SEVERE
IRRITANAT,PERMANENT TISSUE DAMAGE. CHROMATES ARE SKIN
SENSITIZERS.INHAL:SEVERE IRRITANT,POSSIBLE DAMAGE TO UPPER RESP
IRATORY TRACT.LUNG CANCER RISK.INGEST:SEVERE IRRITATION,TISSUE
DAMAGE.POSSIBLY F
ATAL(EFFECTS DO NOT APPEAR IMMEDIATELY).
Explanation of Carcinogenicity:HEXAVALENT CHROMIUM IS SUSPECTED
CARCINOGEN.
Effects of Overexposure:EYES/SKIN/INGEST/INHAL:IRRITATION,BURNS.
Medical Cond Aggravated by Exposure:THE CHRONIC EFFECTS OF THIS PRODUCT
ARE EXPECTED TO BE THE SAME AS THE ACUTE EFFECTS REPORTED IN THE
HEALTH HAZARD SECTION.

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First Aid Measures
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First Aid:INHAL:REMOVE TO FRESH AIR. GIVE O2 IF NEEDED.GET MEDICAL
ATTE

NTION. EYES:IMMEDIATELY FLUSH WITH WATER FOR 5 MIN; NORMAL SALINE FOR 30-60 MIN.(HOLD LIDS OPENED)GET MEDICAL ATTENTION. SKIN: REMOVE CONTA MINATED CLOTHING,FLUSH WITH WATER UNTILSLIPPERY FEELING IS GONE.GET MEDICAL ATTENTION. INGEST:DO NOT INDUCE VOMITING,UNLESS ADVISED BY QUALIFIED MEDICAL PERSONNEL,DILUTE W/MILK OR WATER,CALL PHYSICIA

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

Flash Point:NON-FLAMMABLE

Extinguishing Media:MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:FIREFIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:AVOID CONTACT WITH AL,ZN,TIN,ETC.MAY GENERATE HYDROGEN GAS IN EXPLOSIVE AMOUNTS.

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

Spill Release Procedures:CONTAIN SPILL;STOP LEAK AT SOURCE. VENTILATE AREA.EVACUATE PERSONNEL.PUMP LIQUID INTO A DOT APPROVED DRUM FOR DISPOSAL. WASH SPILL AREA WITH WATER(PLACE WASH WATER INTO DRUM).AVOID SPILLAGE INTO SEWER OR WATERWAYS.

Neutralizing Agent:BORIC ACID, DILUTE ACETIC ACID.

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

Handling and Storage Precautions:STORE IN A PROTECTED COOL, DRY AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE.

Other Precautions:HAZARDOUS CARBON MONOXIDE CAN FORM UPON CONTACT WITH FOOD OR BEVERAGES ...THIS CAN COLLECT IN ENCLOSED SPACES AND BE FATAL.WHEN MIXING ADD WATER SLOWLY!AVOID SPLASHING.

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

Respiratory Protection:NONE REQUIRED. ALWAYS USE NIOSH/MSHA APPROVED RESPIRATORS WHEN REQUIRED.

Ventilation:USE ADEQUATE MECHANICAL VENTILATION.

Protective Gloves:ALKALI RESISTANT(NEOPRENE,VITON)

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER. PROTECTIVE CLOTHING(EG. VITON)

ON,NEOPRENE).

Work Hygienic Practices:WASH HANDS AND FACE BEFORE EATING,SMOKING.

SEPERATE WORK CLOTHING;LAUNDER BEFORE REUSE.

Supplemental Safety and Health

BEORE REPAIRING TANK,RELEASE PRESSURE,COVER OPENING TO AVOID BEING
SPRAYED BY LIQUID UNDER PRESSURE.WHEN ENTERING TANK USE RESPIRATORY
PROTECTION AND A SAFETY LINE;HAVE SOMEONE WATCHING AT A SAFE DIST
ANCE.

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

HCC:B1

Boiling Pt:=143.3C, 290.F

Vapor Pres:5

Vap

or Density:>1.0

Spec Gravity:1.52

pH:14.0

Evaporation Rate & Reference: