

TURCO PRODUCTS INC, DIV OF ELF ATOCHEM N AMERICA -- 4217 -- 6850-00-014-3914

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

Product ID:4217

MSDS Date:09/16/1993

FSC:6850

NIIN:00-014-3914

MSDS Number: CHHMB

=== Responsible Party ===

Company Name:TURCO PRODUCTS INC, DIV OF ELF ATOCHEM N AMERICA

Address:2375 STATE RD

City:CORNWELLS HEIGHTS

State:PA

ZIP:19020

Country:US

Info Phone Num:215-245-3128

Emergency Phone Num:202-483-7616/800-424-9300(CHEMTREC)

Preparer's Name:JOHN P.

JONES

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:714-890-3600

CAGE:0BY

L8

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 =====

Ingred Name:OCTYLPHENOXYPOLY(ETHYLENEOXY)ETHANOL/GLYCOLS, POLYETHYLENE,
MONO(P-(1,1,3,3-TETRAMETHYL BUTYL)PHENYL) ETHER (TRITON X)

CAS:9002-93-1

RTECS #:MD0907700

Fraction by Wt: 50%

Other REC Limits:NONE RECOMMENDED

Ingred Name:ISOPROPYL

ALCOHOL (SARA 313)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 50%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:400 PPM

ACGIH TLV:400 PPM/500STEL;9596

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS UNKNOWN.

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

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

Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, CNS,
RESPIRATORY & GI TRACTS. ACUTE- MAY CAUSE MODERATE TO S
EVERE EYE,

SKIN, GASTROINTESTINAL TRACT IRRITATION. READILY ABSORBED THROUGH
SKIN IN TOXIC AMOUNTS. INHALING VAPOR CAUSES MODERATE IRRITATION,
DIZZINESS. MISTS MAY CAUSE SEVERE RESPIRATORY IRRITATION, NAUSEA.
CHRONIC- SAME AS ACUTE.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, HEADACHE, DIZZINESS, NAUSEA,
VOMITING, TEARING, DEFATTING OF SKIN, DRYNESS

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN
DISORDERS, EYE PROBLEMS OR I

IMPAIRED RESPIRATORY FUNCTION MAY BE
MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid:CALL PHYSICIAN IF SYMPTOMS DEVELOP. EYE:IMMEDIATELY FLUSH
WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN:FLUSH WITH
PLENTY OF WATER. INHALED:MOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF
NEEDED. ORAL:ONLY INDUCE VOMITING AT INSTRUCTION OF PHYSICIAN.
CALL A PHYSICIAN/POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE

FLUID OR INDUCE VOMITING IF PATIENT IS UNCONSCIOUS OR HAS
CONVULSIONS.

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

Flash Point Method:TCC

Flash Point:57.0F,13.9C

Extinguishing Media:USE CARBON DIOXIDE, FOAM, OR DRY CHEMICAL. COOL
FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Fire Fighting Procedures:DO NOT ENTER ANY ENCLOSED OR CONFINED AREA
WITHOUT PROPER PROTECTIVE EQUIPMENT AND NIOSH-APPROVED
SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion

Hazard:VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL
CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK.
CONTAINERS MAY RUPTURE DUE TO VAPOR PRESSURE BUILDUP.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES
OF IGNITION. VENTILATE AREA. CONTAIN AND PICK UP SPILL WITH
NON-FLAMMABLE ABSORBENT SUCH AS SAND OR USE PUMP. PREVENT LIQUID
FROM ENTERING SEWERS OR WATERWAYS. WASH AREA WITH
WATER.

Neutralizing Agent:DILUTE WITH WATER

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

Handling and Storage Precautions:STORE IN COOL, DRY, VENTILATED AREA
AWAY FROM IGNITION SOURCES & INCOMPATIBLES. GROUND METAL CONTAINER
WHEN MATERIAL IS TRANSFERRED.

Other Precautions:FLAMMABLE. "EMPTY" CONTAINERS MAY RETAIN RESIDUE AND
CAN BE DANGEROUS. KEEP OUT OF REACH OF CHILDREN. AVOID BREATHING
VAPORS. DO NOT GET IN EYE, ON SKIN OR ON CLOTHING. DO NOT INGEST.

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

Respiratory Protection:IF TLV IS EXCEEDED OR FOR SYMPTOMS OF OVER EXPOSURE, WEAR NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR OR SUPPLIED AIR RESPIRATOR.

Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:RUBBER, NEOPRENE

Eye Protection:SAFETY GLASSES/GOGGLES

Other Protective Equipment:EYEBATH, WASHING FACILITY, SAFETY SHOWER, UNIFORM

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH AFTER HANDLING AND BEFORE EATING OR DRINKING.

Supplemental Safety and Health

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

HCC:F2

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:180F,82C

Vapor Pres:20

Vapor Density:>1

Spec Gravity:0.90

Evaporation Rate & Reference: