

TURCO PRODUCTS, INC. -- TURCOAT ALUMIGOLD B -- 8030-00-663-9847

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

Product ID:TURCOAT ALUMIGOLD B

MSDS Date:12/23/1996

FSC:8030

NIIN:00-663-9847

MSDS Number: CGXML

=== Responsible Party ===

Company Name:TURCO PRODUCTS, INC.

Address:2375 STATE RD

City:CORNWELLS HEIGHTS

State:PA

ZIP:19020

Country:US

Info Phone Num:215-245-3178

Emergency Phone Num:800-424-9300

CAGE:0B

YN5

=== Contractor Identification ===

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

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

Ingred Name:ZINC SILICOFLUORIDE (SARA 313) (CERCLA RQ 5000)

CA

S:16871-71-9  
RTECS #:VV8754000  
Fraction by Wt: 50.0%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:2.5 MG/M3  
ACGIH TLV:2.5 MG/M3  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:CHROMIC ACID (SARA 313)(CERCLA RQ 10)  
CAS:1333-82-0  
RTECS #:GB6650000  
Fraction by Wt: 40.0%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.1 MG/M3  
ACGIH TLV:0.05 MG/M3

Ingred Name:BORIC ACID  
CAS:10043-35-3  
RTECS #:ED4550000  
Other REC Limits:NONE RECOMMENDED

Ingred Name:HEXAVALENT CHROMIUM COMPOUNDS  
Fraction by Wt: 20.  
3%  
Other REC Limits:NONE RECOMMENDED

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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:EYE: CHEMICAL BURNS, PERMANENT DAMAGE.  
SKIN: IRRIT, ULCERATION, CHEMICAL BURNS, SENSITIZATION. INHAL:  
ULCERATION, PERFORATION OF NASAL SEPTUM, IRRIT/DAMAGE TO  
RESPIRATORY SYSTEM. IRRIT MAY RESEMBLE AS THMA. LUNG CANCER.

Explanation o  
f Carcinogenicity:HEXAVALENT CHROMIUM COMPOUNDS LISTED BY  
IARC GROUP 1, NTP GROUP A.

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

First Aid:EYE: FLUSH W/WATER FOR 5 MIN, THEN W/NORMAL SALINE 30-60 MIN  
LIFTING LIDS. SKIN: FLUSH W/WATER FOR 15 MIN. INHAL: GET FRESH AIR.  
OXYGEN IF NEEDED. INGEST: DONT INDUCE VOMIT. DRINK LARGE AMOUNTS  
MILK. GET IMMED MED AID IN ALL CASES.

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

Flash Point:NO

NFLAMMABLE

Extinguishing Media:WATER FLOOD

Fire Fighting Procedures:USE SCBA. ANY WATER RUN-OFF MAY CONTAIN HEXAVALENT CHROMIUM, SHOULD NOT BE ALLOWED TO ENTER SEWER OR WATERWAYS.

Unusual Fire/Explosion Hazard:MAY INCREASE FIRE INTENSITY WHEN IN CONTACT W/COMBUSTIBLES.

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

Spill Release Procedures:SHOVEL DRY SPILL INTO DRUMS. KEEP DRY UNTIL SWEPT UP & SHOVELED INTO DISPOSAL DRUMS. DISOLVE RESIDUE IN WATER. COLLECT SOLUTION IN DRUMS. DONT LET ENTER SEWER/WATERWAYS.

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

Handling and Storage Precautions:KEEP DRY PROTECTED. MIXING: CAREFULLY ADD TO WATER, AVOID SPLASHING. ADD TO IN USE TANK SLOWLY/CAUTIOUSLY.

Other Precautions:REPAIR & MAINTANANCE OF CONTAM EQUIPMENT: RELIEVE PRESSURE. COVER OPENINGS TO AVOID SPURTING. FLUSH INTERIOR/EXTERIOR W/WATER. COLLECT FLUSHINGS FOR DISPOSAL. USE PROTECTIVE EQUIPMENT.

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Exposure Controls/Personal Protection =====

Respiratory Protection:FOR MIST/VAPORS/DUST, NIOSH APPROVED RESPIRATOR FOR TOXIC MISTS OR HYDROGEN FLUORIDE IS ADVISED. IF RESPIRATORS ARE USED, FORMAL TRAINING & SCREENING PROGRAM MUST BE INITIATED.

Ventilation:SUFFICIENT MECHANICAL TO KEEP CONCENTRATIONS BELOW TLV.

Protective Gloves:VITON, PVC, ETC.

Eye Protection:FACE SHIELD, GOGGLES

Other Protective Equipment:BOOTS/APRON MADE OF ACID RESISTANT MATERIAL (VITON/PVC).

Work Hygien

ic Practices:WASH W/SOAP & WATER BEFORE SMOKING/EATING.

REMOVE CONTAM CLOTHES, WASH SEPARATELY BEFORE REUSE. DISCARD CONTAM SHOES.

Supplemental Safety and Health

NK

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

Boiling Pt:B.P. Text:NA

Vapor Pres:NA

Vapor Density:NA

Spec Gravity:NA

pH:\*

Evaporation Rate & Reference:NA

Solubility in Water:APPRECIABLE

Appearance and Odor:DARK RED BROWN GRANULAR MIX, LITTLE OR NO ODOR.

Percent Volatiles by Volume:NA

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

Stability Indicator/Materials to Avoid: YES

STRONG ACIDS, STRONG ALKALIES, REACTIVE METALS.

Hazardous Decomposition Products: ON HEATING MAY EVOLVE CORROSIVE &  
TOXIC FUMES OF HYDROGEN FLUORIDE.

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

Waste Disposal Methods: TRANSFER TO RECLAIMING CENTER FOR RECYCLE/REUSE  
IF POSSIBLE. TRANSFER TO LICENSED WASTE TREATMENT/DISPOSAL SITE  
ACCORDING TO FEDERAL, STATE & LOCAL REGULATIONS. DISOLVE SMALL  
AMOUNTS IN WATER/RELEASED TO SEWER IF LOCAL REGULATIONS PERMIT.

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