

TURCO PRODUCTS, INC; DIVISION OF ATOCHEM N AMERICA -- TURCOAT ACCELAGOLD, PART 2 --
8030-00-720-9739

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

Product ID:TURCOAT ACCELAGOLD, PART 2

MSDS Date:08/22/1991

FSC:8030

NIIN:00-720-9739

MSDS Number: BRKGW

=== Responsible Party ===

Company Name:TURCO PRODUCTS, INC; DIVISION OF ATOCHEM N AMERICA

Address:7300 BOLSA AVENUE

City:WESTMINSTER

State:CA

ZIP:92683

Countr

y:US

Info Phone Num:714-890-3600

Emergency Phone Num:614-387-6200

Preparer's Name:JOHN F GRAINGER

CAGE:0BYN5

=== Contractor Identification ===

Company Name:STEVEN INDUSTRIES

Address:39 AVENUE C

Box:8

City:BAYONNE

State:NJ

ZIP:07002-3417

Country:US

Phone:201-437-6501

CAGE:33150

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 PUREX INDUSTRIES SUB OF PENNWALT CORP

Address:7300 BOLS

A AVENUE
Box:City:WESTMINISTER
State:CA
ZIP:92683-5211
Country:US
Phone:614-387-6200
CAGE:1JD46

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

Ingred Name:CHROMIC ACID (RCRA D007) (SARA III) (CERCLA RQ 10)
CAS:1333-82-0
RTECS #:GB6650000
Fraction by Wt: 100%
Other REC Limits:NONE SPECIFIED
OSHA PEL:C 0.1 MG/M3(AS CRO3)
ACGIH TLV:.05 MG/M3 CR

Ingred Name:HEXAVALENT CHROMIUM COMPOUNDS (AS CR)
Fraction by Wt: 52.0%
Other REC Limits:NONE SPECIFIED

=====
Haz
ards Identification
=====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES
Health Hazards Acute and Chronic:EYES:SEVERE IRRIT,CONJUNCTIVITIS,CHEM
BURNS, BLINDNESS,PERMANENT TISSUE DAMAGE. SKIN:IRRIT,CHEM BURNS.
CONTACT W/BREAKS IN SKIN CAN CAUSE ULCERATN. CHROMIC ACID SKIN
SENSITIZER. ABSORBED THRU SKIN. IN HAL:ULCERATN/PERFORATN OF NASAL
SEPTUM,RESP SYSTEM IRRIT. INGEST: SEVERE IRRIT,GI TRACT PERM
DAMAG
E,MAY BE FATAL.
Explanation of Carcinogenicity:OVEREXPOSURE TO HEXAVALENT CHROME MAY
CAUSE LUNG CANCER RISK. IARC:CARCINOGENIC TO HUMANS. NTP: KNOWN TO
BE CARCINOGENIC
Medical Cond Aggravated by Exposure:CHROMIC ACID IS SYSTEMIC POISON
AFFECTING LIVER, KIDNEYS, GI TRACT, REPEATED OVEREXPOSURE MAY
AGGRAVATE ANY PRE- EXISTING DYSFUNCTION OF THESE SYSTEMS.

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

First Aid:SPEED ESSENTL.EYES:IMMED FLUSH EYES W/LRG QTY W

TR 5

MIN.FOLLOW W/SALINE 30-60 MIN,HOLD LIDS APART.GET IMMED MED AID.
SKIN:FLUSH W/LRG QTY WTR.WASH W/SOAP & WATER.RINSE.IF
IRRIT/BLISTER,GET MED AID.INH AL:REMOVE TO FRESH AIR.GIVE OXYGEN IF
BREATH DIFFICLT.GET MED AID IF IRRIT
PERSISTS.INGEST:CONSCIOUS,IMMED GIVE LRG AMT WTR.INDUCE
VOMIT(IPECAC/ FINGER BACK OF THROAT).REPEAT TILL VOMIT CLEAR MORE
WTR

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

Flash Point:NONFLAMMABLE

Extinguishing Media:D

RY CHEMICAL, CARBON DIOXIDE, AVOID CONTACT OF DRY
CHROMIC ACID IF POSSIBLE.

Fire Fighting Procedures:SCBA/FULL PROTECT EQUIP.WATER RUNOFF MAY
CONTAIN HEXAVALENT CHROME.DONT ALLOW TO ENTER SEWER/WATERWAY.DRY
CHROMIC ACID FORMS HOT VISCOUS FOAM, MAY CAUSE STEAM.

Unusual Fire/Explosion Hazard:INCREASE INTENSITY OF FIRE WHEN IN
CONTACT W/COMBUSTBLE MAT'L. COOL EXPOSED CNTNR CAUTIOUSLY W/WATER
BEING ALERT FOR STEAM EXPLOSION.

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

Spill Release Procedures:USE APPROP PROTECTIVE EQUIP. SHOVEL DRY SPILL
INTO DOT DRUMS FOR DISPOSAL. KEEP SPILL DRY TILL SHOVELED/SWEPT UP.
DISOLVE RESIDUAL IN WATER & COLLECT SOLUTION IN DOT APPROVED DRUMS.
DONT ALLOW PRODUCT OR RINSE WATER TO ENTER SEWER OR WATERWAYS.

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

Handling and Storage Precautions:STORE IN DRY PROTECTED AREA AWAY FROM
STRONG ACIDS, BASES, REDUCING COMPOUNDS, FLAMMABLE/COMBUST
IBLE

MAT'L. ADD WTR W/ CARE WHILE MIXING (AVOID SPURT)

Other Precautions:USE SAFETY EQUIP (NO SKIN/EYE CONTACT). MAKE
ADDITIONS TO IN-USE TANKS CAUTIOUSLY. CONTAM EQUIP: RELIEVE ANY
PRESSURE. COVER OPENING (AVOID SPURTING). CLEAN EXTERIOR BY FLUSH
W/WATER.COLLECT FLUSHINGS FOR DISPOSAL. USE PROTECT EQUIP.

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

Respiratory Protection:FOR DUST CONDITIONS, A NIOSH APPROVED RESPIRATOR
FOR TOXIC DUST IS ADVISED. IF

RESPIRATORS ARE USED, A FORMAL TRAINING AND SCREENING PROGRAM MUST BE INITIATED. SEE 29 CFR 1910.134.

Ventilation: MAINTAIN SUFFICIENT MECHANICAL VENTILATION TO KEEP VAPOR CONCENTRATION BELOW TLV.

Protective Gloves: GLOVES (VITON, PVC, ETC)

Eye Protection: FACE SHIELD OR GOGGLES

Other Protective Equipment: BOOTS AND APRONG MADE OF MAT'L RESISTANT TO CHROMIC ACID. PROTECTIVE SUIT NOT NORMALLY REQ'D, ADVISED IF CONTACT.

Work Hygienic Practices: WASH HANDS & FACE WITH SOAP & WATER BEFORE

SMOKING OR EATING. IMMEDIATELY REMOVE CONTAMINATED CLOTHING.

Supplemental Safety and Health

KEY1: D2. LAUNDRER SEPARATELY BEFORE REUSE. DISCARD SHOES THAT BECOME CONTAMINATED ON THE INTERIOR.

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

HCC: D1

pH: 2.0

Solubility in Water: APPRECIABLE

Appearance and Odor: DARK RED FLAKES OR POWDER; LITTLE OR NO ODOR

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

Stability Indicator/Materials to Avoid: YES

CO

NTACT WITH STRONG ACIDS, STRONG ALKALI, REDUCING COMPOUNDS; FLAMMABLE OR COMBUSTIBLE MATERIALS.

Hazardous Decomposition Products: NONE

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

Waste Disposal Methods: TRANSFER TO RECYCLING CTR OR LICENSED HAZARDOUS WASTE CENTER . SMALL AMOUNTS MAY BE DISSOLVED IN WATER, AFTER CLARIFIED, & RELEASED TO SEWER IF LOCAL REGULATIONS PERMIT.

Disclaimer (provided with this information by the compiling agencies):

This information

is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.