

TURCO PRODUCTS, INC; DIVISION OF ATOCHEM N AMERICA -- TURCOAT ACCELAGOLD, PART 1 --  
8030-00-720-9739

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

Product ID:TURCOAT ACCELAGOLD, PART 1

MSDS Date:10/16/1991

FSC:8030

NIIN:00-720-9739

MSDS Number: BRKGV

=== Responsible Party ===

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

Address:7300 BOLSA AVENUE

City:WESTMINISTER

State:CA

ZIP:92684

Country: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 BOLSA AVENUE

Box:City:WESTMINISTER

State:CA

ZIP:92683-5211

Country:US

Phone:614-387-6200

CAGE:1JD46

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

Ingred Name:SODIUM SILICO FLUORIDE

CAS:16893-85-9

RTECS #:VV8410000

Fraction by Wt: 55%

Other REC Limits:NONE SPECIFIED

OSHA PEL:2.5 MG/M3 (F)

ACGIH TLV:2.5 MG/M3 (F)

Ingred Name:POTASSIUM FERRICYANIDE

CAS:13746-66-2

RTECS #:LJ8225000

Fraction by Wt: 40%

Other REC Limits:NONE SPECIFIED

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:EYES: SEVERE BURNS, PERMANENT TISSUE  
DAMAGE, BLINDNESS. SKIN: SEVERE IRRITATION, CHEMICAL BURNS, SEVERE  
TISSUE DAMAGE LEADING TO PERMANENT DESTRUCTION OF SURROUNDING  
TISSUE. INHALATION: SEVERE IRRITATION, UPPER RESPIRATORY TRACT  
DAMAGE. INGESTION: SEVERE IRRITATION OF GI TRACT, TISSUE DAMAGE,

FATAL.

Medical Cond Aggravated by Exposure:FLUORIDES AND ACID FLUORIDES ARE  
CELLULAR POISONS. ANY TISSUE IN CONTACT WITH THESE MATERIALS WILL  
BE IN DANGER, SEVERE DAMAGE, OR DESTRUCTION AND NECROSIS.

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

First Aid:SPEED ESSENTL. EYE:IMMED FLUSH EYES W/LRG AMT WTR 5  
MIN.FOLLOW W/WTR 30-60 MIN,HOLD LIDS APART.GET IMMED MED AID.  
SKIN:FLUSH W/LRG AMT WATER.COVER W/CALCIUM GLUCONATE GEL.GET MED  
AID ASAP. INHAL:RE

MOV E TO FRESH AIR.GIVE OXYGEN IF  
BREATHINGDIFFICULT.GET MED AID IF IRRIT PERSISTS. INGEST:DONT  
INDUCE VOMIT EXCEPT ON MED ADVICE.IF CONSCIOUS GIVE LRG AMT CALCIUM  
(MILK,CALCIUM GLUCONATE).GET MED AID.

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

Flash Point:NON-FLAMMABLE

Fire Fighting Procedures:USE SELF-CONTAINED RESPIRATORY PROTECTION.

Unusual Fire/Explosion Hazard:CONTACT WITH WATER AND REACTIVE METALS,  
SUCH AS ALUMINUM, ZINC, ETC, MAY LEAD TO GENERA  
TION OF HYDROGEN GAS  
IN EXPLOSIVE AMOUNTS.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. SHOVEL DRY INTO DOT  
DRUMS. KEEP SPILL DRY TILL SWEEPED/SHOVELED. DISOLVE RESIDUAL IN  
WATER & COLLECT SOLUTION IN DRUMS. COLLECT WASHINGS OR IF LOCAL  
REGS PERMIT, RELEASE TO SE WER.

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

Handling and Storage Precautions:STORE IN DRY PROTECTED AREA. MIXING:  
CAREFULLY ADD TO WATER WHILE MIXING, (AVOID SPLASHING). USE APPROP  
SAFETY EQUIP TO ELIMINATE SKIN/EYE CONTACT.

Other Precautions:MAKE ADDITION TO IN-USE TANKS CAUTIOUSLY. REPAIR &  
MAINTENANCE OF CONTAM EQUIP: RELIEVE ANY PRESSURE. COVER OPENINGS  
TO AVOID SPURTING. CLEAN EXTERIOR & INTERIOR BY FLUSH W/WATER.  
COLLECT FLUSHING FOR DISPOSAL. USE PROTECTIVE EQUIP.

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

Respiratory Protection:FOR MIST/DUST CONDITIONS  
, NIOSH RESPIRATOR FOR

TOXIC MISTS OR HYDROGEN FLUORIDE ADVISED. IF RESPIRATORS USED,  
INITIATE A FORMAL TRAINING & SCREENING PROGRAM. SEE 29 CFR  
1910.134.

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

Protective Gloves:FACE SHIELD OR GOGGLES

Eye Protection:GLOVES (VITON, PVC, ETC)

Other Protective Equipment:BOOTS & APRON (RESISTANT MAT'L-VITON, PVC,  
ETC). PROTECT SUIT NOT NORMALLY REQ'D, BUT ADVISED IF NEEDED TO

AVOID CONTACT

Work Hygienic Practices:WASH HANDS AND FACE WITH SOAP AND WATER BEFORE  
SMOKING OR EATING. IMMEDIATELY REMOVE ALL CONTAMINATED CLOTHING.

Supplemental Safety and Health

KEY1:N1. LAUNDER SEPARATELY BEFORE REUSE. DISCARD SHOES THAT BECOME  
CONTAMINATED ON THE INTERIOR.

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

HCC:D1

pH:3.1

Solubility in Water:APPRECIABLE

Appearance and Odor:MIXTURE OF ORANGE AND WHITE POWDER; LITTLE OR NO  
ODOR

=====

== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

CONTACT WITH STRONG ACIDS, STRONG ALKALIS OR REACTIVE METALS

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

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

Waste Disposal Methods:TRANSFER TO RECLAIMING CTR FOR RECYCLING OR TO  
LICENSED HZD WASTE TREATMENT. SMALL AMOUNTS MAY BE DISSOLVED IN  
WATER AND CLARIFIED WAT  
ER 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.