

TURCO-PUREX INDUSTRIAL CORP SUB OF PENNWALT CORP -- FLURO-CHEK WD DEVELOPER --
6850-01-264-8682

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

Product ID:FLURO-CHEK WD DEVELOPER

MSDS Date:11/08/1985

FSC:6850

NIIN:01-264-8682

MSDS Number: BJKSX

=== Responsible Party ===

Company Name:TURCO-PUREX INDUSTRIAL CORP SUB OF PENNWALT CORP

Address:7300 BOLSA AVENUE

City:WESTMINISTER

State:CA

ZIP:92684-3600

Country:US

Info Phone Num:714-890-3600

Emergency Phone Num:614-387-6200

CAGE:KO898

=== Contractor Identification ===

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

Company Name:TURCO-PUREX INDUSTRIAL CORP SUB OF PENNWALT CORP

Address:7300 BOLSA AVENUE

Box:City:WESTMINISTER

State:CA

ZIP:92684-3600

Country:US

Phone:714-890-3600

CAGE:KO898

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===== Composition/Information on Ingrid

ients =====

Ingred Name:CALCIUM CARBONATE
CAS:471-34-1
RTECS #:FF9335000
Fraction by Wt: 40%
Other REC Limits:NONE SPECIFIED
OSHA PEL:10 MG/M3
ACGIH TLV:10 MG/M3

Ingred Name:SODIUM CHROMATE (SARA III)
CAS:7775-11-3
RTECS #:GB2955000
Fraction by Wt: 0.15%
Other REC Limits:NONE SPECIFIED
OSHA PEL:0.1 PPM CRO3;CEILING
ACGIH TLV:0.05 MG CR/M3; 9192
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:SODIUM NITRITE (SARA III)
CAS:7632-00-0
RTECS #:RA1225000
Fraction by Wt: 1%
Other REC Li
mits:NONE SPECIFIED
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:NONYLPHENOL POLYETHOXATE
CAS:9016-45-9
RTECS #:MD0900000
Fraction by Wt: 1%
Other REC Limits:NONE SPECIFIED

Ingred Name:ALPHA-ALUMINA (ALUMINUM OXIDE) (EPA LISTS ONLY FIBROUS
FORMS) (SARA III)
CAS:1344-28-1
RTECS #:BD1200000
Fraction by Wt: 20%
Other REC Limits:NONE SPECIFIED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9293

===== 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: ACUTE: MODERATE TO SEVERE EYE, SKIN,
GASTROINTESTINAL & RESPIRATORY TRACT IRRITATION. TOXIC EFFECTS FROM
INGESTION MAY BE DELAYED. CHRONIC: PROLONGED OR REPEATED INHALATION
OF DUST OR MIST MAY CAUSE PERMANENT DAMAGE TO UPPER RESPIRATORY
TRACT AND MAY CAUSE LUNG CANCER RISK.

Explanation of Carcinogenicity: CERTAIN CHROMIUM COMPOUNDS ARE KNOWN TO
BE

CARCINOGENIC TO HUMANS (SODIUM CHROMATE)

Effects of Overexposure: MODERATE TO SEVERE EYE, SKIN, GASTROINTESTINAL
& RESPIRATORY TRACT IRRITATION. TOXIC EFFECTS MAY NOT APPEAR
IMMEDIATELY. INGESTION OF SIGNIFICANT AMOUNTS OF SODIUM NITRITE MAY
CAUSE CONVERSION OF HEMOGLOBIN TO METHEMOGLOBIN, PRODUCING
CYANOSIS, BLOOD PRESSURE DROP, POSSIBLE COLLAPSE, COMA OR DEATH.

Medical Conditions Aggravated by Exposure: PERSONS WITH A HISTORY OF AILMENTS
OR WITH A PRE-EXISTING DISEASE INVOLVING THE

EYES, SKIN, BLOOD,
STOMACH OR RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM
EXPOSURE.

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

First Aid: EYES: FLUSH WITH RUNNING WATER FOR 15 MINUTES WHILE HOLDING
EYELID. GET MEDICAL ATTENTION IMMEDIATELY. SKIN: WASH WITH SOAP &
WATER. REMOVE CONTAMINATED CLOTHING. GET MEDICAL ADVICE.
INHALATION: REMOVE TO FRESH AIR. GIVE MOUTH-TO-MOUTH RESUSCITATION
IF NOT BREATHING. GET MEDICAL ATTENTION. INGESTION: DO
NOT INDUCE
VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET MEDICAL
ATTENTION IMMEDIATELY.

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

Flash Point: NONE

Autoignition Temp: Autoignition Temp Text: NONE

Fire Fighting Procedures: FIRE FIGHTERS 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: ANY WATER RUNOFF MAY CONTAIN HEXAVALENT

CHROME AND SHOULD NOT BE ALLOWED TO ENTER SEWER OR WATERWAYS.

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

Spill Release Procedures:AVOID CONTACT WITH WATER UNTIL BULK OF SPILL IS REMOVED. CLEANUP PERSONNEL SHOULD USE APPROPRIATE PROTECTIVE EQUIPMENT. SHOVEL INTO DOT DISPOSAL DRUM. RESIDUAL AMOUNTS SHOULD BE DISSOLVED IN WATER AND SOLUTION COLLECTED IN DOT DISPOSAL DRUM. Neutralizing Agent:DILUTE WITH WATER.

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

Handling and Storage Precautions:STORE IN A DRY PROTECTED AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions:UNDER CERTAIN CONDITIONS, NITRITES MAY REACT WITH SECONDARY AMINES TO FORM POTENTIALLY CARCINOGENIC NITROSAMINES. USE CARE WHEN MIXING TO AVOID SPLASHING AND ANY SKIN OR EYE CONTACT.

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

Respiratory Protection:FOR DUST OR MIST CONDITIONS, A NIOSH-APPROVED RESPIRATOR FOR TOXIC DUSTS AND MISTS IS ADVISED. IF RESPIRATORS ARE USED, A FORMAL TRAINING AND SCREENING PROGRAM MUST BE INITIATED. SEE 29 CFR 1910-134.

Ventilation:MECHANICAL (GENERAL) VENTILATION AS REQUIRED TO KEEP PARTICULATE CONCENTRATION BELOW TLV.

Protective Gloves:NEOPRENE GLOVES

Eye Protection:SAFETY GLASSES - CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING, BOOTS AND APRON AS REQUIRED.

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

Supplemental Safety and Health

LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE. DO NOT LAUNDRY AT HOME. DISCARD CONTAMINATED SHOES.

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

HCC:T6

Spec Gravity:1.5

Solubility in Water:NEGLIGIBLE

Appearance and Odor:WHITE ODORLESS POWDER

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS, STRONG ACIDS, STRONG ALKALI, AMINES, REDUCING AGENTS, CYANIDES, THIOCYANATES AND THIOSULFATES.

Hazardous Decomposition Products: NONE

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

Waste Disposal Methods: (1) TRANSFER TO RECLAIMING CENTER FOR RECYCLING OR REUSE, IF POSSIBLE. (2) TRANSFER TO LICENSED HAZARDOUS WASTE TREATMENT OR DISPOSAL SITE FOR DISPOSITION UNDER APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

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