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TURCO PRODUCTS INC, SUB OF PENNWALT CORP -- TURCOFORM ETCHANT #9H 6850-01-083-6293

Product ID:TURCOFORM ETCHANT #9H

MSDS Date: 10/27/1995

FSC:6850

NIIN:01-083-6293

MSDS Number: BGKYT === Responsible Party ===

Company Name: TURCO PRODUCTS INC, SUB OF PENNWALT CORP

Address:7320 BOLSA AVENUE

Box:6200

City:WESTMINISTER

State:CA ZIP:92684 Country:US

Info Phone Num:714-

890-3600

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

CAGE:61102

=== Contractor Identification ===

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: SODIUM HYDROXIDE (SARA III)

CAS:1310-73-2

RTECS #:WB4900000 Fraction by Wt: 95% OSHA PEL:2 MG/M3

ACGIH TLV:C 2 MG/M3; 9293

EP

A Rpt Qty:1000 LBS DOT Rpt Qty:1000 LBS

Ingred Name: SODIUM HYDROSULFIDE (SARA III)

CAS:16721-80-5 RTECS #:WE1900000 Fraction by Wt: 5% EPA Rpt Qty:5000 LBS DOT Rpt Qty:5000 LBS

Ingred Name: SULFUR, MOLTEN

CAS:7704-34-9

RTECS #:WS4250000 Fraction by Wt: >5%

LD50 LC50 Mixture: NOT GIVEN FOR PRODUCT

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute

and Chronic:EYE:CAUSE SEVERE BURNS, POSSIBLE

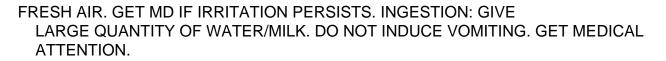
PERMANENT TISSUE DAMAGE AND POSSIBLE BLINDNESS. SKIN:SEVERE IRRITATION, POSSIBLE CHEMICAL BURNS AND POSSIBLE PERMANENT TISSUE DAMAGE. INHALATION: SEVERE IRRITATION AND POSSIBLE PERMANENT DAMAGE TO UPPER RESPIRATORY TRACT. INGESTION: SEVERE DAMAGE TO GASTROINTESTINAL TRACT.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Εf

fects of Overexposure:SKIN:SEVERE IRRITATION. EYES:CORNEAL DAMAGE, BLINDNESS. INHALATION:SEVERE IRRITATION. INGESTION:TISSUE DAMAGE. Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid:SKIN:FLUSH IMMEDIATELY W/LARGE AMOUNT OF WATER. SHOWER IF POSSIBLE. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. EYES:FLUSH W/WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. INHALATION: MOVE TO



Flash Point:NONE

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media: NONFLAMMABLE. USE EXTINGUISHING MEDIA SUITABLE FOR SURROUNDING FIRE.

Fire Fighting Procedures: USE SELF-CONTAINED RESPIRATORY PROTECTION. Unusual Fire/Explosion Hazard: CONTACT WITH WATER AND REACTIVE MATELS

LIKE AL, ZN, TIN ETC. MAY LEAD TO GENERATION OF HYDROGEN GAS.

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

Spill Release Procedures:WEAR APPROPRIATE PROTECTIVE EQUIPMENT. SHOVEL DRY SPILL INTO DOT-APPORVED DRUMS FOR DISPOSAL. KEEP SPILL DRY UNTIL AS MUCH AS POSSIBLE DUST BEEN SWEPT UP AND SHOVELED INTO DISPOSAL DRUMS. DO NOT ALLOW PRODUCT OR RINSE WATER INTO SEWER OR WATERWAY.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:TRANSPORT & STORE IN CLOSED CONTAINERS AT TEMPERATURES BELOW 130F.ALWAYS ADD CAUTIOUSLY TO COLD WATER,W/AGITATION. HEAT EVOLVED.

Other Precautions:CAN FORM CARBON MONOXIDE UPON CONTACT W/FOOD & BEVERAGE PRODUCTSIN ENCLOSED SPACES & CAN BE FATAL.FOLLOW APPROPRIATE TANK ENTRY PROCEDURES(SEE ANSI Z117.1-1977).

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

Respiratory Protectio

n:FOR DUST OR MIST CONDITIONS, A NIOSH-APPROVED RESPIRATOR FOR DUSTS AND MISTS IS ADVISED.

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

Protective Gloves: NEOPRENE

Eye Protection: GOGGLES/FACE SHIELD

Other Protective Equipment:FULL PROTECTIVE CLOTHING,SAFETY SHOWER,EYE WASH STATION

Work Hygienic Practices: WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety a

nd Health NONE SPECIFIED BY MANUFACTURER. ========= Physical/Chemical Properties =========== HCC:B1 Vapor Pres:NOT GIVEN Vapor Density:NOT GIVEN Spec Gravity: NOT GIVEN pH:13.5 Evaporation Rate & Evaporation R Solubility in Water: APPRECIABLE Appearance and Odor:MIXTURE OF WHITE AND YELLOW FLAKES, SULFUR ODOR. Percent Volatiles by Volume:0 ======== Stability and Reactivity Data ========== Stability Indicator/Materials to Avoid:YES CONTACT WITH STRO NG ACIDS, REACTIVE METALS, ORGANIC MATERIALS. Stability Condition to Avoid: HUMID AREAS.

Hazardous Decomposition Products:TOXIC HYDROGEN SULFIDE GAS,SULFUR OXIDES AND ACID GASES.

======= 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 REGULAT IONS AS HAZARD OUS WASTE.

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