

0880, ANTIMONY TRICHLORIDE

MSDS Number

BNBHY

National Stock Number

6810-00N028696

Product Name

0880, ANTIMONY TRICHLORIDE

Manufacturer

J T BAKER INC

Product Identification

Product ID:0880, ANTIMONY TRICHLORIDE

MSDS Date:08/27/1986

FSC:6810

NIIN:00N028696

MSDS Number: BNBHY

Responsible Party

J T BAKER INC

222 RED SCHOOL LANE

PHILLIPSBURG , NJ 08865-2219

US

Emergency Phone: 908-859-2151;800-424-9300(CHEMTREC)

Info Phone: 800-582-2537

Cage: DO803

Contractor

MALLINCKRODT BAKER, INC.

PHILLIPSBURG, NJ 08865

US

800-582-2537

Cage: 70829

Ingredients

ANTIMONY (III) CHLORIDE; (ANTIMONY TRICHLORIDE) (SARA III)

CAS: 10025-91-9

RTECS: CC4900000

Fraction By Weight: 90-100%

OSHA PEL0.5 MG/M3 (AS SB)

ACGIH TLV: 0.5 MG/M3 (AS SB)

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

Hazards

LD50 LC50 Mixture:LD50:(ORAL RAT)525 MG/KG

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

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

Health Hazards Acute and Chronic:DUST MAY CAUSE HEADACHE, COUGHING, DIZZINESS OR DIFFICULT BREATHING. CONTACT WITH SKIN OR EYES MAY CAUSE SEVERE IRRITATION OR BURNS. INGESTION MAY CAUSE NAUSEA,

VOMITING AND LOSS OF CONSCIOUSNESS.

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:NONE IDENTIFIED.

First Aid

First Aid:CALL A PHYSICIAN. INGEST:IF CONSCIOUS, IMMEDIATELY INDUCE VOMITING. INHAL:REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. SKIN: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. WASH CLOTHING BEFORE RE-USE.

Fire Fighting

Extinguishing Media:USE DRY CHEMICAL OR CARBON DIOXIDE. DO NOT USE WATER.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:TOXIC GASES:CHLORINE, HYDROGEN CHLORIDE.

Accidental Release

Spill Release Procedures:WEAR SCBA AND FULL PROTECTIVE CLOTHING. WITH CLEAN SHOVEL, CAREFULLY PLACE MATERIAL INTO CLEAN, DRY CONTAINER AND COVER; REMOVE FROM AREA. FLUSH SPILL AREA WITH WATER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED. STORE IN CORROSION PROOF AREA.

Other Precautions:DO NOT GET IN EYES, ON SKIN, ON CLOTHING. AVOID BREATHING DUST. KEEP IN TIGHTLY CLOSED CONTAINER. USE WITH ADEQUATE VENTILATION. LOOSEN CLOSURE CAUTIOUSLY BECAUSE OF GAS PRESSURE. WASH THOROUGHLY AFTER HANDLING.

Exposure Controls

Respiratory Protection:NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITIONS EXIST. IF AIRBORNE CONCENTRATION EXCEEDS TLV, A NIOSH/MSHA APPROVED DUST/MIST RESPIRATOR IS RECOMMENDED. IF CONCENTRATION EXCEEDS CAPACITY OF RESPIRATOR, A SCBA IS ADVISED.

Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO MEET TLV REQUIREMENTS. VENT HOOD.

Protective Gloves:RUBBER GLOVES.

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:LAB COAT, UNIFORM AND APRON ARE RECOMMENDED. EMERGENCY EYEWASH AND DELUGE SHOWER .

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

Chemical Properties

HCC:C1

Boiling Pt:B.P. Text:433F,223C

Melt/Freeze Pt:M.P/F.P Text:163F,73C

Spec Gravity:3.14 (H2O = 1)

Solubility in Water:HYDROLYZES

Appearance and Odor:COLORLESS TO WHITE NEEDLE-LIKE CRYSTALS WITH ACID ODOR.

Percent Volatiles by Volume:0

Stability

Stability Indicator/Materials to Avoid:YES

ALUMINUM, ALKALI METALS, WATER.

Stability Condition to Avoid:MOISTURE

Hazardous Decomposition Products:HYDROGEN CHLORIDE

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE
LOCAL, STATE AND FEDERAL ENVIRONMENTAL REGULATIONS. EPA HAZARD
WASTE # D002 (CORROSIVE WASTE)

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