

V682, 1,1,3,3-TETRAMETHYLGUANIDINE

MSDS Number

BNBGG

National Stock Number

6810-00N028380

Product Name

V682, 1,1,3,3-TETRAMETHYLGUANIDINE

Manufacturer

J T BAKER INC

Product Identification

Product ID:V682, 1,1,3,3-TETRAMETHYLGUANIDINE

MSDS Date:05/01/1989

FSC:6810

NIIN:00N028380

MSDS Number: BNBGG

Responsible Party

J T BAKER INC

222 RED SCHOOL LN

PHILLIPSBURG , NJ 08865

US

Emergency Phone: 201-859-2151;800-424-9300(CHEMTREC)

Info Phone: 201-859-2151

Cage: DO803

Contractor

MALLINCKRODT BAKER, INC.

PHILLIPSBURG, NJ 08865

US

800-582-2537

Cage: 70829

Ingredients

1,1,3,3-TETRAMETHYLGUANIDINE

CAS: 80-70-6

Fraction By Weight: 90-100%

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:ACUTE: INHAL: SEVERE IRRIT OF RESP
SYS. SKIN/EYE: BURNS. SKIN ABSORPTION: NONE IDENTIFIED. INGEST:
SEVERE BURNS TO MOUTH, THROAT AND STOMACH. CHRONIC: NONE
IDENTIFIED.

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:NONE IDENTIFIED.

First Aid

First Aid:INGEST:CALL PHYS. IF SWALLOWED, DO NOT INDUCE VOMIT. IF
CONSCIOUS GIVE LG AMT OF H*2O. FOLLOW W/DILUTED VINEGAR, FRUIT

JUICE/WHITE OF EGGS, BEATEN W/H*2O. INHAL:REMOVE TO FRESH AIR. IF NOT BRTHG, GIVE ARTF RESP. IF BRTHG IS DFCLT, GIVE O*2. SKIN:IMMED FLUSH W/PLENTY OF H*2O FOR @ LST 15 MIN WHILE REMOVING CONTAMD CLTHG & SHOES. WASH CLTHG BEFORE RE-USE. EYE:IMMED FLUSH W/PLENTY OF (SUPP DATA)

Fire Fighting

Flash Point Method:CC

Flash Point:128F,53C

Extinguishing Media:USE WATER SPRAY, CO*2, DRY CHEMICAL OR ORDINARY FOAM.

Fire Fighting Procedures:NIOSH/MSHA APPRVD SCBA & FULL PROTECTIVE EQUIPMENT . MOVE CONTR FROM FIRE AREA IF IT CAN BE DONE WITHOUT RISK. USE WATER TO KEEP FIRE-EXPOS CONTR COOL.

Unusual Fire/Explosion Hazard:GIVE OFF FLAMM VAP. VAP MAY FORM EXPLO MIXTURE W/AIR. CLOSED CONTAINERS EXPOSED TO HEAT MAY EXPLODE. CONTACT WITH STRONG OXIDIZERS MAY CAUSE FIRE.

Accidental Release

Spill Release Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE CLOTHING. SHUT OFF IGNITION SOURCES; NO FLARES, SMOKING, OR FLAMES IN AREA. STOP LEAK IF YOU CAN DO SO WITHOUT RISK. NEUTRALIZE WITH DILUTE HCL. FLUSH A REA WITH FLOODING AMOUNT OF WATER. (USECAUTION).

Neutralizing Agent:DILUTE HCL.

Handling

Handling and Storage Precautions:AVOID CONTACT W/EYES. AFTER CONTACT WITH SKIN, WASH IMMED WITH PLENTY OF WATER. KEEP CONTIANER TIGHTLY CLOSED. USE WITH ADEQ VENT. DO NOT BREATHE VAP.

Other Precautions:STORE IN CORROSION-PROOF AREA. STORE IN COOL, WELL-VENTILATED AREA AWAY FROM SOURCES OF HEAT, FLAME, OR IGNITION.

Exposure Controls

Respiratory Protection:NONE REQD WHERE ADEQ VENT CNDNTS EXIST. IF AIRBORNE CONC IS HIGH, NIOSH/MSHA APPRVD CHEM CARTRIDGE RESP W/ORG VAP CARTRIDGE IS RECOM. IF CONC EXCEEDS CAPACITY OF CARTRIDGE RESP, NIOSH/MSHA APPROVED SC BA IS ADVISED.

Ventilation:USE ADEQ GEN/LOC EXHAUST VENT TO KEEP VAPOR AND MIST LEVELS AS LOW AS POSSIBLE. VENT HOOD.

Protective Gloves:RUBBER GLOVES.

Eye Protection:CHEM WORK GOG & FULL LENGTH FSHLD.

Other Protective Equipment:UNIFORM, PROTECTIVE SUIT. LAB COAT & APRON. EMERGENCY EYEWASH, DELUGE SHOWER .

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

FIRST AID PROC:WATER FOR AT LEAST 15 MIN.

Chemical Properties

HCC:F4

Boiling Pt:B.P. Text:320F,160C

Vapor Pres:0.2@20C

Spec Gravity:0.92(H*2O=1)

Evaporation Rate & Reference:Solubility in Water:COMPLETE (100%)

Appearance and Odor:CLEAR, NEARLY COLORLESS LIQUID. AMINE-LIKE ODOR.

Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, CO*2, MINERAL ACIDS, ORGANIC ACIDS.

Stability Condition to Avoid:HEAT, FLAME, OTHER SOURCES OF IGNITION, AIR.

Hazardous Decomposition Products:OXIDES OF NITROGEN, AMINES, CO, CO*2.

Disposal

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL ENVIRONMENTAL REGULATIONS.

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