

BUTYLAMINE, D727

MSDS Number

BKPRK

National Stock Number

6810-00N015052

Product Name

BUTYLAMINE, D727

Manufacturer

J T BAKER COMPANY

Product Identification

Product ID: BUTYLAMINE, D727

MSDS Date: 05/01/1989

FSC: 6810

NIIN: 00N015052

MSDS Number: BKPRK

Responsible Party

J.T. BAKER COMPANY

222 RED SCHOOL LANE

PHILLIPSBURG , NJ 08865-2219

US

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

Info Phone: 908-859-2151

Cage: 70829

Contractor

MALLINCKRODT BAKER, INC.

PHILLIPSBURG, NJ 08865

US

800-582-2537

Cage: 70829

Ingredients

BUTYLAMINE (SARA III)

CAS: 109-73-9

RTECS: EO2975000

Fraction By Weight: 90-100%

OSHA PELS, C 5 PPM

ACGIH TLV: S, C 5 PPM; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

Hazards

LD50 LC50 Mixture: SEE SUPP DATA

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 IRRITATION OF RESPIRATORY SYSTEM, COUGHING, DIFFICULT BREATHING, CHEST PAINS, PULMONARY EDEMA, UNCONSCIOUSNESS. SKIN/EYE: SEVERE IRRITATION OR

BURNS. SKIN ABSORP: RAPID ABSORPTION . INGEST: NAUSEA, VOMITING, GI IRRITATION, BURNS TO MOUTH & THROAT. CHRONIC: NONE IDENTIFIED.

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:SKIN DISORDERS, EYE DISORDERS, RESPIRATORY SYSTEM DISEASE.

First Aid

First Aid:INGEST: CALL MD. DO NOT INDUCE VOMITING. GIVE LARGE AMOUNTS OF WATER. INHAL: REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. SKIN: IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING & SHOES. WASH CLOTHING BEFORE REUSE. EYE: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.

Fire Fighting

Flash Point Method:CC

Flash Point:10F,-12C

Lower Limits:1.7%

Upper Limits:9.8%

Extinguishing Media:USE ALCOHOL FOAM, DRY CHEMICAL OR CO*2. (WATER MAY BE INEFFECTIVE.)

Fire Fighting Procedures:FIREFIGHTERS SHOULD WEAR NIOSH/MSHA APPROVED SCBA WITH FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE AND FULL PROTECTIVE EQUIP . (SEE SUPP DATA)

Unusual Fire/Explosion Hazard:VAPORS MAY FLOW ALONG SURFACES TO DISTANT IGNITION SOURCES & FLASH BACK. CLOSED CNTNRS EXPOSED TO HEAT MAY EXPLODE. CNTCT WITH STRONG OXIDIZERS MAY CAUSE FIRE.

Accidental Release

Spill Release Procedures:WEAR NIOSH/MSHA APPRVD SCBA/FULL PROT EQUIP . SHUT OFF IGNIT SOURCES; NO FLARES/SMOKING/FLAMES IN AREA. STOP LEAK. USE WATER SPRAY TO REDUCE VAPS. TAKE UP W/SAND OR OTHER NONCOMBUST ABSORB AND PLACE INTO CNTNR FOR LATER DISP. (SEE SUPP DATA)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED. STORE IN A COOL, DRY, WELL-VENTILATED, FLAMMABLE LIQUID STORAGE AREA.

Other Precautions:BOND AND GROUND CONTAINERS WHEN TRANSFERRING LIQUID.

Exposure Controls

Respiratory Protection:RESPIRATORY PROTECTION REQUIRED IF AIRBORNE CONC EXCEEDS TLV. AT CONC UP TO 250 PPM, A NIOSH/MSHA APPROVED CHEMICAL CARTRIDGE RESPIRATOR WITH AMMONIA/AMINE CARTRIDGE IS RECOMMENDED. ABOVE THIS LEVEL, A NIOSH/MSHA APPROVED SCBA IS ADVISED.

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

Protective Gloves:RUBBER GLOVES.

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:UNIFORM, APRON RECOMMENDED.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

FIRE FIGHT PROC: MOVE CONTAINERS FROM FIRE AREA IF IT CAN BE DONE WITHOUT RISK. USE WATER TO KEEP FIRE EXPOSED CONTAINERS COOL.

LD50-LC50 MIX: LD50:(ORL, RAT)=366 MG/KG, (SKN, RBT)=850 MG/KG.

SPILL PR OC: FLUSH AREA WITH WATER. J T BAKER SOLUSORB SOLVENT ADSORBENT IS RECOMMENDED FOR SPILLS.

Chemical Properties

HCC:F3

Boiling Pt:B.P. Text:171F,77C

Melt/Freeze Pt:M.P/F.P Text:-58F,-50C

Vapor Pres:82 @ 20C

Vapor Density:2.5

Spec Gravity:0.74
Evaporation Rate & Reference:7.3 (BUTYL ACETATE=1)
Solubility in Water:COMPLETE (100%)
Appearance and Odor:COLORLESS LIQUID. AMINE-LIKE ODOR.
Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS, STRONG ACIDS.
Stability Condition to Avoid:HEAT, FLAME, OTHER SOURCES OF IGNITION.
Hazardous Decomposition Products:NO*X, CO, CO*2.

Disposal

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH ALL APPLICABLE
FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS. EPA HAZARDOUS
WASTE NUMBER: D001, D002 (IGNITABLE, CORROSIVE WASTE).

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