

MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-584/584-03-2.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

584-03-2

Code:

M

RTECS:

EK0380000

Code:

M

Name:

BUTANEDIOL (POTENTIAL PROCESSING VAPOR COMPONENT)

Other REC Limits:

NONE RECOMMENDED

OSHA PEL:

NOT ESTABLISHED

Code:

M

OSHA STEL:**Code:****ACGIH TLV:**

NOT ESTABLISHED

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

NOT USUALLY REQUIRED. IN ABNORMAL CONDITIONS USE AN AIR-SUPPLIED RESPIRATOR(SCBA, AIRLINE RESPIRATOR). FOR DUST CONDITIONS USE A NIOSH APPROVED DUST RESPIRATOR.

Ventilation:

USE EFFECTIVE EXHAUST VENTILATION INCLUDING LOCAL EXHAUST.

Protective Gloves:

FOR HOT PROCESS MATERIAL.

Eye Protection:

SAFETY GLASSES OR GOGGLES.

Other Protective Equipment:

Equipment HMIS SUGGEST PROTECTIVE CLOTHING WHEN WORKING WITH HOT PROCESS MATERIAL.

Work Hygienic Practices:

WASH HANDS. USE PRUDENT SANITARY AND HYGENIC PRACTICES. KEEP FOOD OUT OF THE WORK AREA.

Supplemental Safety and Health:

NONE SPECIFIED BY MANUFACTURER. 6

Health Hazards Data

LD50/LC50 Mixture:

NOT ESTABLISHED FOR PRODUCT AS FURNISHED

Route Of Entry Inds - Inhalation:

YES

Skin:

NO

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

NONE KNOWN AT AMBIENT TEMPERATURES. SKIN: BURNS FROM MOLTEN MATERIAL. INHAL: FUMES IRRITATE RESPIRATORY TRACT. EYES: IRRITANT (FUMES, DECOMPOSITION PRODUCTS) OVEREXPOSURE TO DECOMPOSITION FUMES MAY RESULT IN SEVERE IRRITATION OR DEATH (HYDROGEN CYANIDE).

Explanation Of Carcinogenicity:

THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS. 4

Signs And Symptoms Of Overexposure:

COUGHING, TEARING AND IRRITATION.

Medical Cond Aggravated By Exposure:

FUMES MAY IRRITATE PEOPLE WITH SENSITIVE SKIN.

First Aid:

EYE: TREAT AS FOREIGN PARTICULATE MATTER. SKIN: IF MOLTEN POLYMER CONTACTS THE SKIN, COOL RAPIDLY WITH ICE OR COOL WATER. SEE PHYSICIAN FOR REMOVAL AND BURN TREATMENT. INHAL (OF VAPORS/ DECOMPOSITION PRODUCTS): REMOVE TO FRESH AIR. USE RESPIRATORY PROTECTION WHEN REENTERING. INGEST: UNLIKELY TO OCCUR.

Spill Release Procedures:

PLACE IN AN APPROPRIATE CONTAINER FOR REUSE OR DISPOSAL. DO NOT SWEEP OR FLUSH PRODUCT INTO SEWER OR WATERWAYS.

Neutralizing Agent:

NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:

DISPOSE OF IN A LICENSED LANDFILL OR BY INCINERATION IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

Handling And Storage Precautions:

USE PROPER VENTILATION FOR HOT PROCESSING.

Other Precautions:

DO NOT PUT PRODUCT IN YOUR MOUTH; DO NOT BREATH VAPORS/ FUMES. DO NOT ALLOW MATERIAL TO ACCUMULATE IN A THICK MASS AT OR ABOVE NORMAL PROCESSING TEMPERATURES (EG. DURING CLEANUP); IT WILL DECOMPOSE AND SWEAT (INTERNAL GASSING).

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:**Flash Point Text:**

740F, 393C

Autoignition Temp:**Autoignition Temp Text:**

N/A 5

Lower Limits:

NOT GIVEN

Upper Limits:

NOT GIVEN

Extinguishing Media:

WATER, TYPE ABC DRY CHEMICAL, AFF AND PROTEIN TYPE AIR FOAMS. CO2 IS NOT RECOMMENDED.

Fire Fighting Procedures:

NPFA DEFINES ITEM AS CLASS A. WEAR SCBA AND PROTECTIVE CLOTHING. REMOVE PERSONNEL. CONTINUE TO WEAR SCBA DURING CLEANUP, IMMEDIATELY AFTER FIRE.

Unusual Fire/Explosion Hazard:

IRRITATING SMOKE.

Physical/Chemical Properties

HCC:

N1

NRC/State Lic No:**Net Prop Wt For Ammo:****Boiling Point:**

NOT GIVEN

Melt/Freeze Pt:**Melt/Freeze Pt Text:**

>350F, >177C

Decomp Temp:**Decomp Text:**

NOT GIVEN

Vapor Pres:

NOT GIVEN

Vapor Density:

NOT GIVEN

Volatile Org Content %:**Spec Gravity:**

1.1-1.3

VOC Pounds/Gallon:**PH:**

N/P

VOC Grams/Liter:**Viscosity:**

N/P

Evaporation Rate & Reference:**Solubility In Water:**

INSOLUBLE

Appearance and Odor:

GRANULES OR PELLETS; PIGMENTED AND UNPIGMENTED; FAINT ODOR.

Percent Volatiles by Volume:

N/R

Corrosion Rate:

UNKNOWN

Reactivity Data

Stability Indicator:**Stability Condition To Avoid:****Materials To Avoid:****Hazardous Decomposition Products:****Hazardous Polymerization Indicator:****Conditions To Avoid Polymerization:**

Toxicological Information

Information:

MSDS Transport Information

Information:

Regulatory Information

Sara Title III Information:**Federal Regulatory Information:****State Regulatory Information:****Other Information:****Other Information:**

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