

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-510/5108-69-0.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
5108-69-0

Code:
M

RTECS:

Code:
X

Name:
BIS-(2,2-DINITROPROPYL)ACETAL

Other REC Limits:
N/K

OSHA PEL:
NOT APPLICABLE

Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT APPLICABLE

Code:
M

ACGIHSTEL:
N/P

Code:

Control Measures

Respiratory Protection:
IN WELL VENTILATED AREAS NO RESPIRATOR IS REQUIRED. IN POORLY VENTILATED AREAS WEAR NIOSH/MSHA APPROVED ORGANIC VAPOR CARTRIDGE RESPIRATOR. IN CONFINED SPACES WEAR NIOSH/MSHA APPROVED AIRLINE RESPIRAT OR SCBA. 4

Ventilation:
GENERAL ROOM VENTILATION IS ADEQUATE.

Protective Gloves:
NEOPRENE.

Eye Protection:
CHEMICAL WORKERS GOGGLES (FP N).

Other Protective Equipment:
Equipment AS NECESSARY TO PREVENT SKIN CONTACT.

Work Hygienic Practices:
NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health:
NONE SPECIFIED BY MANUFACTURER.

Health Hazards Data

LD50LC50Mixture:
LD50: (ORL, RAT)=2190 MG/KG

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
ACUTE: MAY CAUSE MILD IRRITATION TO SKIN AND MUCOUS MEMBRANES. CHRONIC: NO KNOWN EFFECTS.

Explanation Of Carcinogenicity:
NOT RELEVANT

Signs And Symptions Of Overexposure:
NONE SPECIFIED BY MANUFACTURER.

Medical Cond Aggravated By Exposure:
NONE SPECIFIED BY MANUFACTURER.

First Aid:
EYES: WASH WITH WATER FOR AT LEAST 15 MINUTES. REPORT TO MEDICAL. SKIN: WASH WITH SOAP AND WATER. INHAL: REMOVE TO FRESH AIR. INGEST: REPORT TO MEDICAL.

Spill Release Procedures:
CONTAIN WITH ABSORBENT MATERIAL AND PLACE IN APPROVED CONTAINERS FOR DISPOSAL ACCORDING TO INTRUCTIONS FROM CENTRAL WASTE MANAGEMENT OR OTHER APPROVED LOCAL, STATE OR FEDERAL AGENCY.

Neutralizing Agent:
3 ANY INERT ABSORBENT MATERIAL.

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

Handling And Storage Precautions:
THE SHIPPING CLASSIFICATION FOR BDNPA/F WAS REDUCED BY DOT FROM A FLAMMABLE LIQUID TO A NON-REGULATED MATERIAL.

Other Precautions:
BDNPA/F MAY BE UNSTABLE UNDER EXTREME CONDITIONS, E.G.: THE COMBINATION OF HIGH TEMPERATURES (74C) AND HIGH SHOCK WAVE CONDITIONS (#8 BLASTING CAP WITH 33 GRAM COMP C-4 BOOSTER).

Fire and Explosion Hazard Information

Flash Point Method:
SCC

Flash Point:

Flash Point Text:
>240F,>116C

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/A

Upper Limits:
N/A

Extinguishing Media:
WATER, CO2, FOAM, OR DRY CHEMICAL

Fire Fighting Procedures:
USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N) TO AVOID COMBUSTION PRODUCTS.

Unusual Fire/Explosion Hazard:
SEE OTHER PRECAUTIONS.

Physical/Chemical Properties

HCC:
T6

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
257F,125C

Melt/Freeze Pt:

M.P/F.P Text:
59.0F,15.0C

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
0.0000002

Vapor Density:
N/A

Volatile Org Content %:

Spec Gravity:
1.392

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P 5

Evaporation Rate & Reference:
NEGILIGIBLE

Solubility in Water:
NEGILIBIGLE

Appearance and Odor:
STRAW COLORED TO BROWN LIQUID, OILY ODOR.

Percent Volatiles by Volume:
0

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
KEEP AFRON FROM HEAT AND FLAME.

Materials To Avoid:
NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:
COX AND NOX.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NOT RELEVANT

Toxicological Information

Information:N/P

MSDS Transport Information

Information:N/P

Regulatory Information

Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

Other Information:N/P