

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-468/4682-03-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
4682-03-5

Code:
T

RTECS:

Code:
X

Name:
DIAZODINITROPHENOL; (DIAZODINITROPHENOL DDNP)) E

Other REC Limits:
N/P

OSHA PEL:
5 MG/M3
Code:
M

OSHA STEL:
N/P
Code:

ACGIH TLV:
5 MG/M3
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
NIOSH APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N). REFER TO MANUFACTURER'S " ALWAYS AND NEVERS" INSTRUCTIONS AND WARNINGS SUPPLIED WITH EACH PRODUCT.

Ventilation:
REFER TO MFR'S " ALWAYS & NEVERS" INSTRUCTIONS & WARNINGS SUPPLIED W/EACH PRODUCT.

Protective Gloves:
COTTON GLOVES.

Eye Protection:
ANSI APPROVED CHEMICAL WORKERS GOGGLES (FP N).

Other Protective Equipment:
Equipment EYE WASH AND DELUGE SHOWER MEETING ANSI DESIGN CRITERIA (FP N). REFER TO MANUFACTURER'S " ALWAYS AND NEVERS" INSTRUCTIONS AND WARNINGS SUPPLIED WITH EACH PRODUCT.

Work Hygienic Practices:
REFER TO MANUFACTURER'S " ALWAYS AND NEVERS" INSTRUCTIONS AND WARNINGS SUPPLIED WITH EACH PRODUCT. 10

Supplemental Safety and Health:
EFTS OF OVEREXP: SYSTEMIC/OTHER EFFECTS: ACCIDENTAL DETONATION OF EXPLOSIVE DEVICES CAN CAUSE LACERATIONS, PUNCTURES &/TRAUMATIC INJURY. SEVERITY OF INJURIES IS DEPENDENT ON NUMBER & PROXIMITY OF DET ONATIONS. SPILL PROC: ONLY PERS TRAINED IN EMER RESPONSE SHOULD RESPOND.

Health Hazards Data

LD50LC50Mixture:

N/P

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

YES

IARC:

YES

OSHA:

NO

Health Hazards Acute And Chronic:
LEAD APPEARS ON NAVY LISTING OF OCCUPATIONAL CHEMICAL REPRODUCTIVE HAZARDS. SEEK CONSULTATION FROM APPROPRIATE HEALTH PROFESSIONALS CONCERNING LATEST HAZARD LIST INFORMATION & SAFE HANDLING & EXPOSURE INFORMATION (FP N). NON-ELECTRIC DETONATORS & THEIR COMPONENTS DO NOT PRESENT HEALTH HAZARDS IN NORMAL HANDLING & USE. HOWEVER, THEY ARE AN EXPLOSIVE & DETONATION MAY CAUSE SEVERE PHYSICAL INJURY, IN CLUDING DEATH. NITROGEN OXIDES GENERATED DURING USE ARE SKIN, EYE AND RESPIRATORY && RESPIRA

Explanation Of Carcinogenicity:
BARIUM CHROMATE: IARC MONOGRAPHS ON EVALUATION OF CARCINOGENIC RISK OF CHEMICALS TO MAN, VOL 49, PG 49, 1990: GROUP 1. NTP 8TH ANNUAL REPORT ON CARCINOGENS, 1998: KNOWN TO BE HUMAN CARCINOGEN. CHROMAT ES ARE ALSO CONSIDERED TO BE CARCINOGENIC BY OSHA. CHROMIUM COMPOUNDS ARE CLASSIFIED BY NTP AS HUMAN CARCINOGEN, & IARC AS GROUP I HUMAN CARCINOGENS.

Signs And Symptoms Of Overexposure:
HLTH HAZ: ANIMALS FROM SHORT EXPOS TO ALUMINUM POWDER BY INHAL INCLUDE PULM EFTS. HUMAN HLTH EFTS FROM OVEREXP, INHAL, INGEST/ SKIN/EYE CNTCT MAY INITIALLY INCLUDE TEMP LUNG IRRIT EFTS W/COUGH, DISCOM FORT, DIFFICULTY BREATHING/SHORTNESS OFBREATH. CHRONIC & EXCESSIVE EXPOS MAY LEAD TO CHRONIC LUNG DISORDERS W/SYMPs OF LUNG INSUFFICIENCY. INDIVIDUALS W/PREEXISTING DISEASES OF LUNGS MAY HAVE INCREASE D SUSCEPTIBILITY TO TOX OF EXCESSIVE EXPOS. MEMBRANE & UPPER RESP TRACT IRRIT MAY RESULT FR

Medical Cond Aggravated By Exposure:

N/P

First Aid:
INHALATION: AVOID BREATHING FUMES FROM DETONATION. IF DETONATION FUMES ARE INHALED, REMOVE TO FRESH AIR. IF BREATHING SS, GIVE ARTIFICIAL RESPIRATION. SEEK MEDICAL ATTENTION. SKIN CONTACT: NOT A LI KELY ROUTE OF EXPOSURE, SEEK MEDICAL ATTENTION. EYE CONTACT: NOT A LIKELY ROUTE OF EXPOSURE, SEEK MEDICAL ATTENTION. IMMEDIATELY FLUSH WITH POTABLE WATER FOR A MINIMUM OF 15 MINUTES, SEEK ASSISTANCE F ROM MD (FP N). INGESTION: CALL MD IMMEDIATELY (FP N).

Spill Release Procedures:
REVIEW FIRE & EXPLOSION HAZ SAFETY PREC. USE APPROP PERSONAL PROT EQUIP. CONTROL ACCESS TO AREA. IN CASE OF FIRE, EVACUATE AREA NOT LESS THAN 2500 FEET. PROTECT FROM ALL IGNIT SOURCES. IF NO FIRE DANG ER IS PRESENT, REPACKAGE DEVICES IN ORGINAL PACKAGING, ACCOUNTING FOR EVERY DEVICE. FOLLOW APPLIC FED, STATE & LOCAL SPILL REPORTING REQUIREMENTS. NOTIFY AUTH I/A/W/EMERGENCY RESPONSE PROC. (SUPDAT)

Neutralizing Agent:

N/P

Waste Disposal Methods:
WASTE TREATMENT, STORAGE, TRANSPORTATION AND DISPOSAL MUST BE IN ACCORDANCE WITH FEDERAL, STATE/PROVINCIAL AND LOCAL REGULATIONS. CONSULT AN EXPLOSIVE MANUFACTURE FOR SAFETY/TECHNICAL CONSIDERATIONS A SSOCIATED WITH DESTROYING EXPLOSIVE MATERIALS.

Handling And Storage Precautions:
STORAGE CONDITIONS - USA: STORE IN WELL VENT, CLEAN, DRY, COOL, APPROVED TYPE MAGAZINE. DO NOT STORE W/OTHER EXPLOSIVES.

Other Precautions:
STORE I/A/ W/NATIONAL FIRE PROT ASSOCIATION STANDARDS & W/FED, STATE & LOCAL REGULATIONS. STORAGE INFO - CANADA: TRANSPORT & STORE ACCORDING TO CTC & EXPLOSIVES ACT. ALSO REFER TO TRANSPORT CANADA'S PUBLICATION "EMERFENCY RESPONSE GUIDE TO DANGEROUS GOODS".

Fire and Explosion Hazard Information

Flash Point Method:

N/A

Flash Point:

Flash Point Text:

N/P 9

Autoignition Temp:

Autoignition Temp Text:

N/P

Lower Limits:

Upper Limits:

Extinguishing Media:
NONE. MEDIA SUITABLE FOR SURROUNDING FIRE (FP N).

Fire Fighting Procedures:
USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N). DO NOT FIGHT FIRE. ISOLATE AREA. EVACUATE PERSONNEL TO A SAFE AREA.

Unusual Fire/Explosion Hazard:

CAN EXPLODE UNDER FIRE CONDITIONS. BURNING MATERIAL MAY PRODUCE TOXIC VAPORS.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:

N/A

Melt/Freeze Pt:

M.P/F.P Text:

N/P

Decomp Temp:

Decomp Text:

N/P

Vapor Pres:

N/A

Vapor Density:

N/A

Volatile Org Content %:

Spec Gravity:

N/A

VOC Pounds/Gallon:

PH: N/P

VOC Grams/Liter:

Viscosity:

N/P

Evaporation Rate & Reference:

N/A

Solubility in Water:

N/A

Appearance and Odor:

FORM: METAL CYLINDER OF VARYING LENGTHS DIAMETER OF ATTACHED PLASTIC TUBING.

Percent Volatiles by Volume:

N/A

Corrosion Rate:

N/P

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:
STABLE UNDER NORMAL CONDITIONS, MAY EXPLODE WHEN SUBJECTED TO FIRE, SUPERSONIC SHOCK/HIGH ENERGY PROJECTILE IMPACT, ESPECIALLY WHEN CONFINED ON IN LARGE QTYS. (OTHER INFO)

Materials To Avoid:
AVOID CORROSIVES. 11

Hazardous Decomposition Products:
AS A RESULT OF DETONATION ONLY: LEAD FUMES, CARBON MONOXIDE, WATER, NITROGEN OXIDES, VARIOUS OXIDES AND COMPLEX OXIDES OF METAL.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

WILL NOT OCCUR.

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

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WARRANTY
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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