MATERIAL SAFETY DATA SHEET For R&D use only. Not for drug, household or other uses.

IF WORKING IN CONFINED AREAS, IF EXCESSIVE MISTING OR VAPORS ARE EXPECTED, OR IF EXPOSURE MAY OR DOES

EXCEED RECOMMENDED PEL, USE NIOSH-APPROVED RESPIRATORY PROTECTION (REFER TO 29CFR 1910.134)

Equipment EYE WASH STATION SAFETY SHOWERS. USE RUBBER APRON IF SPLASHING IS EXPECTED. USE ACID-

CLEAN CONTAMINATED EQUIPMENT THOROUGHLY BEFORE STARTING REPAIR WORK.

WASH HANDS AND FACE AFTER HANDLING MATERIAL. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. DISCARD

EYES: WILL CAUSE SEVERE BURNS. ACUTE EXPOSURE TO VAPORS MAY CAUSE SENSITIVITY TO LIGHT, BLURRED VISION & BLINDNESS.

WILL CAUSE PAIN, NAUSEA, VOMITING, DIARRHEA, CHEMICAL BURNS AND SEVERE IRRITATION. MAY ALSO CAUSE VERTIGO, SEIZURES,

EYES: FLOOD WITH WATER FOR 15 MIN. GET IMMEDIATE MEDICAL ATTENTION. SKIN: FLUSH WITH WATER FOR 15 MIN. WRAP BURNS IN

ARTIFICIALRESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. INGESTION: DO NOT INDUCE VOMITING. GIVE 4-8 OZ OF WATER,

EVACUATE AREA. DIKE AND CONTAIN SPILL. NEUTRALIZE SPILL WITH SODA ASH AND PLACE INTO PROPER CONTAINERS FOR DISPOSAL.

STERILE DRESSING. GET IMMEDIATE MEDICAL ATTENTION. INHALATION: MOVE VICTIM TO FRESH AIR. IF NOT BREATHING, GIVE

DO NOT ALLOW SPILL TO ENTER DRAINS, SEWERS OR WATERWAYS. COMPLY WITH ALL SPILL NOTI FICATION REGULATIONS.

DISPOSE OF WASTE IN COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.. THIS WASTE IS CLASSIFIED AS D002

SKIN: WILL CAUSE CHEMICAL BURNS. INHALATION: WILL CAUSE PAIN, IRRITATION & BURNS TO THE NOSE, THROAT & UPPER

THIS PRODUCT IS NOT LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN, MUTAGEN, TERATOGEN OR NEUROTOXIN.

RESPIRATORY TRACT. MAY CAUSE ACUTE PULMONARY EDEMA, ASPHYXIA & CHEMICAL PNEUMONITIS.

CNS DEPRESSION, HEADACHE, STUPOR, LOSS OF COORDINATION, DIZZINESS, ETC. AND COMA.

Composition/Information on Ingredient

Cas: 100-97-0 Code:

Μ

RTECS:

Code: Μ

Name:

MN4725000

Other REC Limits:

NOT ESTABLISHED

OSHA PEL:

OSHA STEL:

ACGIH TLV:

ACGIHSTEL:

Ventilation:

Protective Gloves:

Eye Protection:

Other Protective Equipment:

RESISTANT CLOTHING.

Work Hygienic Practices:

LD50LC50Mixture:

YES

Skin: YES

YES

NO

IARC: NO

OSHA: NO

Ingestion:

CONTAMINATED FOOTWEAR.

Supplemental Safety and Health:

Health Hazards Data

LD50 (ORAL RABBIT) 900 MG/KG

Carcinogenicity Inds - NTP:

Health Hazards Acute And Chronic:

Explanation Of Carcinogenicity:

Spill Release Procedures:

Waste Disposal Methods:

(CORROSIVE) UNDER RCRA.

Neutralizing Agent:

Flash Point:

NONE

Flash Point Text:

Lower Limits:

Upper Limits:

N/R

HCC: C1

Boiling Point:

FAST

YES

Reactivity Data

Stability Condition To Avoid:

Hazardous Decomposition Products: NONE (HEAT WILL RELEASE HCL FUMES)

Hazardous Polymerization Indicator:

Conditions To Avoid Polymerization:

Toxicological Information

Regulatory Information

Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

www.lookchem.com

Other Information:N/P

MSDS Transport Information

HEAT, MOISTURE, OXIDIZERS AND ALKALINE MATERIALS.

Stability Indicator:

Materials To Avoid:

Information:N/P

Information:N/P

Signs And Symptions Of Overexposure:

Medical Cond Aggravated By Exposure:

ALKALINE MATERIALS SUCH AS SODA ASH

PRE-EXISTING RESPIRATORY CONDITIONS WILL BE AGGRAVATED.

OR CHIP ICE. GET IMMEDIATE MEDICAL ATTENTION. 4

Route Of Entry Inds - Inhalation:

NOT ESTABLISHED

Control Measures

LOCAL EXHAUST AND MECHANICAL (GENERAL) FAN.

PVC OR NEOPRENE RUBBER GLOVES

CHEMICAL SPLASH GOGGLES W/FACE SHIELD

Respiratory Protection:

Code:

Code:

Code: Μ

NΡ Code:

Μ

NONE RECOMMENDED

HEXAMETHYLENETETRAMINE

Click http://www.lookchem.com/cas-100/100-97-0.html for suppliers of this product.

Handling And Storage Precautions: STORE IN COOL, DRY, AREA AWAY FROM OXIDIZERS. AVOID MOISTURE PICK UP. KEEP CONTAINERS CLOSED WHEN NOT IN USE. KEEP AWAY FROM OPEN IGNITION SOURCES. **Other Precautions:**

DUE TO THE POSSIBLE PRESENCE OF HYDROGEN GAS, ISOLATE ANY OPEN IGNITION SOURCES. THIS PRODUCT IS CORROSIVE - AVOID EYE/SKIN CONTACT AND BREATHING OF VAPORS. USE THIS PRODUCT ONLY AS DIRECTED - SEE MAN UFACTURER'S DIRECTIONS. Fire and Explosion Hazard Information **Flash Point Method:** N/P

Autoignition Temp: Autoignition Temp Text: NONE

Extinguishing Media: WATER SPRAY OR FOG, FOAM, DRY CHEMICAL OR CARBON DIOXIDE (CO2) Fire Fighting Procedures: COOL OUTSIDE OF CONTAINER WITH WATER SPRAY TO AVOID OVER-HEATING. WATER APPLIED DIRECTLY TO PRODUCT MAY CAUSE HEAT AND SPLATTERING.

Unusual Fire/Explosion Hazard: 5 MAY OXIDIZE COMBUSTIBLE MATERIALS. WILL REACT WITH SOME METALS TO RELEASE TOXIC OR CORROSIVE VAPORS OR FUMES. Physical/Chemical Properties

NRC/State LIC No: N/R **Net Prop WT For Ammo:**

B.P. Text: 212F,100C Melt/Freeze Pt:

M.P/F.P Text: **UNKNOWN 6 Decomp Temp: Decomp Text: UNKNOWN**

Vapor Pres: 21 **Vapor Density:** 1.2 **Volatile Org Content %:**

Spec Gravity: 1.19 **VOC Pounds/Gallon:**

PH: 1

VOC Grams/Liter: Viscosity: UNKNOWN **Evaporation Rate & Reference:**

UNKNOWN Solubility in Water: **COMPLETE Appearance and Odor:** CLEAR TO SLIGHT YELLOW COLORED LIQUID, SHARP PUNGENT ODOR.

Percent Volatiles by Volume: 100 **Corrosion Rate:**

ORGANIC MATERIALS, COMBUSTIBLE MATERIALS, WATER, ALKALINE MATERIALS, NITRIC ACID, OXIDIZING AGENTS.

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terms and conditions of sale.

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