

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-148/14836-60-3.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
14836-60-3

Code:
M

RTECS:

Code:
X

Name:
MERCUROUS NITRATE HYDRATRATED 1 Environmental W

Other REC Limits:
N/P

OSHA PEL:
N/P

Code:

OSHA STEL:
N/P

Code:

ACGIH TLV:
N/P

Code:

ACGIHSTEL:
N/P

Code:

Control Measures

Respiratory Protection:

BE SURE TO USE A MSHA/NIOSH APPROVED RESPIRATOR OR EQUIVALENT. A SELF-CONTAINED BREATHING

APPARATUS SHOULD BE USED TO AVOID INHALATION OF THE PRODUCT.

Ventilation:

USE PROCESS ENCLOSURES, LOCAL EXHAUST VENTILATION, OR OTHER ENGINEERING CONTROLS TO KEEP AIRBORN

LEVELS BELOW RECOMMENDED EXPOSURE LIMITS.

Protective Gloves:

IMPERVIOUS GLOVES.

Eye Protection:

SPLASH GOGGLES.

Other Protective Equipment:

Equipment LABCOAT. DUST RESPIRATOR. SUGGESTED PROTECTIVE CLOTHING MIGHT NOT BE SUFFICIENT, CONSULT

A SPECIALIST BEFORE HANDLING THIS PRODUCT.

Work Hygienic Practices:

N/P

Supplemental Safety and Health:

THIS PRODUCT (CAS 14836-60-3) IS NOT REALLY CONSIDERED A DIFFERENT FORMULATION COMPARING WITH THE

EARLIER MSDS (MFN=1) SHOWN CAS 10045-94-0. THIS PRODUCT IS A.C.S. GRADE CONTAINING 2 MOLECULES OF TWO

(DIHYDRATED). BECAUSE OF THE DIFFERENT CAS NUMBER, A SECOND MSDS IS ENTERED. 3

Health Hazards Data

LD50LC50Mixture:

LD50= 170 MG/KG (RAT)

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

CHRONIC: THE SUBSTANCE IS TOXIC TO BLOOD, KIDNEYS, LUNGS, THE NERVOUS SYSTEM, MUCOUS MEMBRANES. ACUTE: VERY

DANGEROUS IN CASE OF INGESTION. SLIGHTLY DANGEROUS IN CASE OF SKIN CONTACT. THIS PRODUCT IS A SEVERE EYE IRRITANT.

PROLONGED EXPOSURE MAY RESULT IN SKIN BURNS AND ULCERATIONS.

Explanation Of Carcinogenicity:

NOT LISTED.

Signs And Symptions Of Overexposure:

OVEREXPOSURE CAN CAUSE IRRITATION. OVEREXPOSURE BY INHALATION MAY CAUSE RESPIRATORY IRRITATION. SEVERE

OVEREXPOSURE CAN RESULT IN DEATH. CAN BE FATAL IF INGESTED.

Medical Cond Aggravated By Exposure:

NONE STATED.

First Aid:

EYE: CHECK AND REMOVE CONTACT LENSES. DO NOT USE EYE OINTMENT. SEEK MEDICAL ATTENTION. INHALE: ALLOW THE VICTIM TO

REST IN A WELL-VENTILATED AREA. SEEK IMMEDIATE ATTENTION. INGEST: REMOVE DENTURE IF A NY. WATCH FOR AN OBSTRUCTION

IN THE VICTIM'S MOUTH. REMOVE IF POSSIBLE WHAT IS CAUSING THE OBSTRUCTION BUT DO NOT FORCE FINGERS OR A HARD OBJECT

BETWEEN THE VICTIM'S TEETH. HAVE CONSCIOUS PERSON DRINK SEVERAL GLASSES OF WATER OR MILK. INDUCT VOMITING BY

STICKING FINGER IN THROAT. SEEK IMMEDI

Spill Release Procedures:

USE APPROPRIATE TOOLS TO PUT THE SPILLED SOLID IN A CONVENIENT WASTE DISPOSAL CONTAINER.

Neutralizing Agent:

N/P

Waste Disposal Methods:

FOLLOW LOCAL, STATE, AND FEDERAL REGULATIONS FOR DISPOSAL.

Handling And Storage Precautions:

KEEP AWAY FROM HEAT, OR SOURCES OF IGNITION. KEEP IN A COOL, WELL-VENTILATED PLACE. HIGHLY TOXIC OR INFECTIOUS

MATERIALS SHOULD BE STORED IN A SEPARATE LOCKED SAFETY STORAGE CABINET OR ROOM. 2

Other Precautions:

N/P

Fire and Explosion Hazard Information

Flash Point Method:

N/A

Flash Point:

Flash Point Text:

N/A

Autoignition Temp:

Autoignition Temp Text:

N/A

Lower Limits:

N/A

Upper Limits:

N/A

Extinguishing Media:

NON-FLAMMABLE.

Fire Fighting Procedures:

N/P

Unusual Fire/Explosion Hazard:

RISKS OF EXPLOSION OF THE PRODUCT IN PRESENCE OF MECHANICAL IMPACT OR STATIC DISCHARGE: NOT AVAILABLE. NO SPECIFIC

INFORMATION IS AVAILABLE IN OUR DATABASE REGARDING THE PRODUCTS RISKS OF EXPLOSION IN THE PRESENCE OF VARIOUS

MATERIALS. NO ADDITIONAL REMARKS.

Physical/Chemical Properties

HCC:

T3

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:

N/A

Melt/Freeze Pt:

=70.C, 158.F

M.P/F.P Text:

Decomp Temp:

Decomp Text:

N/A

Vapor Pres:

N/P

Vapor Density:

N/P

Volatile Org Content %:

Spec Gravity:

4.78(WATER=1)

VOC Pounds/Gallon:

PH: N/P

VOC Grams/Liter:

Viscosity:

N/P

Evaporation Rate & Reference:

N/P

Solubility in Water:

N/P

Appearance and Odor:

SOLID. ODOR, TASTE, COLOR NOT AVAILABLE.

Percent Volatiles by Volume:

N/P

Corrosion Rate:

N/P

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

INSTABILITY TEMPERATURE NOT AVAILABLE. NO ADDITIONAL REMARK.

Materials To Avoid:

NO SPECIFIC INFORMATION IS AVAILABLE IN OUR DATABASE REGARDING THE REACTIVITY OF THIS MATERIAL IN PRESENCE OF VARIOUS

OTHER MATERIALS.

Hazardous Decomposition Products:

NO ADDITIONAL REMARKS.

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