

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-904/9048-46-8.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
9048-46-8
Code:
M

RTECS:

Code:
X

Name:
HUMAN ALBUMIN

Other REC Limits:
NONE RECOMMENDED

OSHA PEL:
NOT ESTABLISHED
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
NOT EXPECTED TO REQUIRE PERSONAL RESPIRATOR USAGE.

Ventilation:
NOT EXPECTED TO REQUIRE SPECIAL VENTILATION.

Protective Gloves:
PROTECTRIVE

Eye Protection:
SAFETY GLASSES

Other Protective Equipment:
Equipment WEAR PROTECTIVE GLOVES AND CLEAN BODY-COVERING CLOTHING.

Work Hygienic Practices:
MFR: ? HMIS:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT. WASH THOROUGHLY BEFORE EATING OR DRINKING.

Supplemental Safety and Health:
MSDS RECEIVED FROM NAVY (FOCAL POINT N). CAGE CODE AND NSN IDENTIFIED BY THEM. **NOTE THAT THIS MSDS COVERS ONLY THE NON-RADIOACTIVE COMPONENTS. MFR REFERS THE READER TO THE TECHNEKOW FM TECHNETIUM TC99M GENERATOR MSDS FOR INFORMATION ON SODIUM PERTECHNETATE TC99M.**

Health Hazards Data

LD50LC50Mixture:
LD50 (ORAL RAT) IS UNKNOWN

Route Of Entry Inds - Inhalation:
NO

Skin:
YES

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
COVERS NON-RADIOACTIVE COMPONENTS. THE HAZARDOUS INGREDIENTS FOUND IN TECHNESCAN MAA ARE SKIN AND EYE IRRITANTS BUT DUE TO THE SMALL QUANTITIES PRESENT IN EACH CONTAINER, NO ADVERSE HEALTH EFFECTS A RE EXPECTED TO OCCUR FROM EXPOSURE. CHRONIC: NO EXPECTED TO BE A CHRONIC HAZARD.

Explanation Of Carcinogenicity:
THE PRODUCT CONTAINS NO INGREDIENT THAT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

Signs And Symptions Of Overexposure:
NOT EXPECTED TO BE A HEALTH HAZARD. EYE:POSSIBLE IRRITATION. SKIN: POSSIBLE IRRITATION.

Medical Cond Aggravated By Exposure:
NO INFORMATION FOUND.

First Aid:
EYE:WASH THOROUGHLY WITH RUNNING WATER. GET MEDICAL ADVICE IF IRRITATION DEVELOPS. SKIN:WASH EXPOSED AREA WITH SOAP AND WATER. GET MEDICAL ADVICE IF IRRITATION DEVELOPS. INHALED:NOT EXPECTED TO REQUI RE FIRST AID MEASURES. INGESTED:NOT EXPECTED TO REQUIRE FIRST AID MEASURES.

Spill Release Procedures:
SUPPLIER DID NOT ADDRESS THIS FIELD. HMIS:WIPE UP WITH A DAMP TOWEL.

Neutralizing Agent:
NONE

Waste Disposal Methods:
DISPOSE I/A/W ALL FEDERAL, STATE AND LOCAL REGULATIONS. MANUFACTURER GAVE NO INFORMATION. HMIS BELIEVES THE KIT W/O THE RADIOACTIVE COMPONENTS MAY BE DISPOSED AS ORDINARY RUBBISH. SEE NRC REGULATIO NS IF THE RADIOACTIVE COMPONENT HAS BEEN ADDED.

Handling And Storage Precautions:
STORE 2-8C (35-46F) BEFORE RECONSTITUTION. AFTER RECONSTITUTION WITH SODIUM PERTECHNETRATE TC-99, STORE AT SAME TEMPERATURE IN A *SHIELDED TUBE*.

Other Precautions:
DISCARD RECONSTITUTED MATERIAL AFTER 8 HOURS. HANDLE RECONSTITUTED MATERIAL WITH APPROPRIATE SHIELDING AND PROCEDURES. COMPLY WITH ALL APPROPRIATE REGULATIONS. 3

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NO FIRE HAZARD

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
UNKNOWN

Upper Limits:
UNKNOWN

Extinguishing Media:
PRODUCT IS NON FLAMMABLE. EXTINGUISH FIRE WITH MEDIA APPROPRIATE FOR SOURCE OF FIRE.

Fire Fighting Procedures:
FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE.

Unusual Fire/Explosion Hazard:
NONE

Physical/Chemical Properties

HCC:
N1

NRC/State LIC No:
NONE 4

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
212F,100C

Melt/Freeze Pt:

M.P/F.P Text:
32.0F,0.0C

Decomp Temp:

Decomp Text:
UNKNOWN

Vapor Pres:
UNKNOWN

Vapor Density:
UNKNOWN

Volatile Org Content %:

Spec Gravity:
UNKNOWN

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
UNKNOWN

Solubility in Water:
SOLUBLE

Appearance and Odor:
SMALL DRY WHITE CRYSTALS CLINGING TO THE INSIDE OF A 10 ML GLASS VIAL.

Percent Volatiles by Volume:
N/K

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
SUPPLIER DID NOT ADDRESS THIS FIELD.

Materials To Avoid:
SUPPLIER DID NOT ADDRESS THIS FIELD.

Hazardous Decomposition Products:
WHEN HEATED TO DECOMPOSITION, SUBSTANCE MAH EMIT OXIDES OF CARBON AND CORROSIVE FUMES OF HYDROCHLORIC ACID.

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