

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-297/29767-20-2.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

29767-20-2

Code:

M

RTECS:

KC0180000

Code:

M

Name:

TENIPOSIDE; VUMON

Other REC Limits:

N/K

OSHA PEL:

N/K

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

N/K

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

USE A NIOSH APPROVED RESPIRATOR.

Ventilation:

ADEQUATE LOCAL EXHAUST

Protective Gloves:

IMPERMEABLE

Eye Protection:

CHEMICAL SAFETY GOGGLES

Other Protective Equipment:

Equipment GOWN, COVERALL

Work Hygienic Practices:

REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH HANDS & FACE AFTER HANDLING.

Supplemental Safety and Health:

SOLOCIBILITY: MISCELLANEOUS W/AQUEOUS SOLUTIONS. HEALTH HAZARDS CONT'D: TENIPOSIDE; INTRAVENOUS ADMINISTRATION MAY CAUSE ADVERSE HEMATOLOGIC EFFECTS; MYELOSUPPRESSION, ANEMIAS, ADVERSE GASTROINTESTINAL EFFECTS, NERVOUS SYSTEM 4 REACTIONS, ANAPHYLACTOID REACTIONS.

Health Hazards Data

LD50/LC50 Mixture:

N/P

Route Of Entry Inds - Inhalation:

NO

Skin:

NO

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

INHALATION: LIQUID MAY BECOME AEROSOLIZED. IF SYSTEMIC ABSORPTION WERE TO OCCUR AFTER INHALATION, SYSTEMIC EFFECTS MAY DEVELOP AFTER INTRAVENOUS INJECTION. SKIN: IRRITATION/ALLERGIC REACTIONS. DIMETHYLACETAMIDE IS WELL ABSORBED THROUGH THE SKIN. EYES: IRRITATION. (SEE SUPP)

Explanation Of Carcinogenicity:

NONE

Signs And Symptoms Of Overexposure:

IRRITATION, REDNESS, SWELLING, NAUSEA, VOMITING, SOMNOLENCE, FATIGUE, CHILLS, FEVER, BRONCHOSPASM, DYSPNEA, TACHYCARDIA, HYPOTENSION/HYPERTENSION, HAIR LOSS

Medical Cond Aggravated By Exposure:

CONDITIONS OF BLOOD, GASTROINTESTINAL, CARDIOVASCULAR & NERVOUS SYSTEM DISORDERS.

First Aid:

EYES: FLUSH W/PLENTY OF WATER FOR 15-20 MINS. SKIN: WASH W/SOAP & WATER FOR 15-20 MINS. INGESTION: INDUCTION OF VOMITING IS RECOMMENDED IF PERSON IS CONSCIOUS & NOT EXPERIENCING CONVULSIONS. INHALATION: REMOVE TO FRESH AIR; GIVE OXYGEN/CPR IF NECESSARY. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:

WEAR PROTECTIVE CLOTHING. ABSORB LIQUID ONTO ABSORBENT MATERIAL & PLACE INTO A CONTAINER FOR DISPOSAL. USE IMPERMEABLE GLOVES & EYE PROTECTION. VENTILATE AREA & DECONTAMINATE AFTER MATERIAL HAS BEEN PICKED UP.

Neutralizing Agent:

N/K

Waste Disposal Methods:

DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS. D001.

Handling And Storage Precautions:

3 FLAMMABLE LIQUID. KEEP AWAY FROM HEAT, SPARKS & FLAME. IF LARGE QUANTITIES ARE HANDLED, EQUIPMENT SHOULD BE GROUNDED & BONDED DURING TRANSFER.

Other Precautions:

VUMON FOR INJECTION SHOULD BE STORED AT REFRIGERATION TEMPS OF 35.6-46.4F. AVOID CONTACT BY INGESTION, INHALATION, SKIN & EYES W/THIS SUBSTANCE. THERAPEUTIC AGENTS ARE INTENDED FOR USE UNDER DIRECTION OF A PHYSICIAN/DESCRIBED ON THE LABEL.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

54F

Autoignition Temp:

N/A

Autoignition Temp Text:

N/A

Lower Limits:

N/K

Upper Limits:

N/K

Extinguishing Media:

DRY CHEMICAL, FOAM/CO2

Fire Fighting Procedures:

EVACUATE. USE A SCBA & PROTECTIVE CLOTHING. USE WATER TO KEEP FIRE EXPOSED CONTAINERS COOL. FIGHT FIRE FROM A SAFE DISTANCE. DIVERT RUNOFF TO A SAFE AREA.

Unusual Fire/Explosion Hazard:

FLAMMABLE LIQUID.

Physical/Chemical Properties

HCC:

NRC/State IC No:

Net Prop WT For Ammo:

N/P

Boiling Point:

54F

Melt/Freeze Pt:

N/K

M.P./F.P. Text:

N/K

Decomp Temp:

N/A

Decomp Text:

N/K

Vapor Pres:

N/K

Vapor Density:

N/K

Volatile Org Content %:

N/A

Spec Gravity:

N/K

VOC Pounds/Gallon:

N/A

PH:

5

VOC Grams/Liter:

N/A

Viscosity:

N/P

Evaporation Rate & Reference:

N/K

Solubility in Water:

(SEE SUPP)

Appearance and Odor:

AMBER AMPULES CONTAINING CLEAR LIQUID W/NO ODOR.

Percent Volatiles by Volume:

N/K

Corrosion Rate:

N/K

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

HEAT, SPARKS & FLAME.

Materials To Avoid:

N/K

Hazardous Decomposition Products:

CO, CO2, SULFUR OXIDES

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

N/K

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

Physical/Chemical Properties

HCC:

NRC/State IC No:

Net Prop WT For Ammo:

N/P

Boiling Point:

54F

Melt/Freeze Pt:

N/K

M.P./F.P. Text:

N/K

Decomp Temp:

N/A

Decomp Text:

N/K

Vapor Pres:

N/K

Vapor Density:

N/K

Volatile Org Content %: