

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-944/944-22-9.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

944-22-9

Code:

M

RTECS:

TA5950000

Code:

M

Name:

FONOFOSS

Other REC Limits:

N/K

OSHA PEL:

0.1 MG/CUM (SKIN)

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

0.1 MG/CUM (SKIN)

Code:

M N/P

ACGIH STEL:

EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Chem

Code:

1 ACGIH STEL:

Control Measures

Respiratory Protection:

IF NEEDED, USE MSHA/NIOSH APPROVED RESPIRATOR FOR PESTICIDES.

Ventilation:

IF NEEDED, USE LOCAL EXHAUST TO MINIMIZE VAPORS.

Protective Gloves:

IMPERVIOUS

Eye Protection:

CHEMICAL TIGHT GOGGLES & FULL FACESHIELD

Other Protective Equipment:

Equipment APRON, ARM COVERS, FULL BODY SUIT, ADEQUATE CLOTHING TO PREVENT SKIN CONTACT, EYEWASH STATION, SAFETY SHOWER

Work Hygienic Practices:

REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. FOLLOW GOOD HYGIENE PRACTICES TO AVOID ACCIDENTAL INGESTION.

Supplemental Safety and Health:

FIRE PROCEDURES: HIGH PRESSURE HOSE MAY SCATTER PRODUCT FROM BROKEN CONTAINERS INCREASING CONTAMINATION HAZARDS. KEEP A SAFE DISTANCE FROM THE FIRE & DRUM AREA. FIRST AID: INHALATION: GIVE CPR/OXYGEN AS REQUIRED. OBTAIN MEDICAL ATTENTION IN ALL CASES. NOTE TO PHYSICIAN: ATROPINA BY INJECTION IS ANTIDOTAL.

Health Hazards Data

LD50/LC50 Mixture:

ORAL LD50(RAT): 24.5 MG/KG (MALE)

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

THIS MATERIAL IS CLASSIFIED AS HIGHLY TOXIC BY INGESTION, SKIN ABSORPTION & INHALATION. PRODUCT CAUSES CHOLINESTERASE INHIBITION WHICH, IN SEVERE CASES, MAY LEAD TO CONVULSIONS, PULMONARY EDEMA, RESPIRATORY FAILURE & DEATH.

Explanation Of Carcinogenicity:

NONE

Signs And Symptoms Of Overexposure:

THIS MATERIAL IS CLASSIFIED AS EXTREMELY TOXIC BY INGESTION, SKIN ABSORPTION & INHALATION. PRODUCT CAUSES CHOLINESTERASE INHIBITION WHICH, IN SEVERE CASES, MAY LEAD TO CONVULSIONS, PULMONARY EDEMA, RESPIRATORY FAILURE & DEATH.

Medical Cond Aggravated By Exposure:

N/K

First Aid:

SKIN: FLUSH, THEN WASH W/SOAP & PLENTY OF WATER. LIE DOWN & KEEP WARM & QUIET. IF BREATHING DIFFICULT, GIVE OXYGEN. NEVER GIVE ALCOHOL IN ANY FORM. EYES: FLUSH W/LARGE QUANTITIES OF RUNNING WATER FOR 15 MINS MINIMUM. DON'T ATTEMPT TO NEUTRALIZE/USE OIL/OINTMENTS. INGESTION: GIVE 1-2 GLASSES WATER. NEVER GIVE ANYTHING BY MOUTH IF UNCONSCIOUS. INHALATION: REMOVE TO FRESH AIR. (SEE SUPPLEMENTAL DATA)

Spill Release Procedures:

EVACUATE & DIKE/SANDBAG TO PREVENT RUNOFF. IF ON TRANSPORT, STOP FURTHER MOVEMENT OF VEHICLE. ISOLATE UNTIL DECONTAMINATED & CERTIFIED READY FOR FURTHER USE. DON'T ATTEMPT TO CLEAN UP STORAGE SITE IF PRODUCT RELEASED FROM BROKEN/RUPTURED CONTAINERS.

Neutralizing Agent:

N/K

Waste Disposal Methods:

TOXIC TO FISH & WILDLIFE. DON'T CONTAMINATE WATERWAYS BY CLEANING OF EQUIPMENT/BY DISPOSAL OF WASTES. DISPOSE OF IN ACCORDANCE W/FEDERAL, STATE & LOCAL REGULATIONS.

Handling And Storage Precautions:

PREVENT SKIN & EYE CONTACT. OBSERVE OSHA/PEL LIMITATIONS. AVOID BREATHING VAPORS/AEROSOLS. DON'T STORE NEAR FEED, FOOD/WITHIN REACH OF CHILDREN.

Other Precautions:

EXERCISE CAUTION TO PREVENT DAMAGE & LEAKAGE. STORE CONTAINER IN A COOL, DRY WELL-VENTILATED AREA AWAY FROM FLAMMABLE MATERIALS, SOURCES OF HEAT, FLAME & THE SUN. WILL CAUSE RUSTING OF STEEL. USE ONLY ICIA RECOMMENDED CONTAINERS. 2

Fire and Explosion Hazard Information

Flash Point Method:

TCC

Flash Point:

>200F

Autoignition Temp:

N/A

Autoignition Temp Text:

N/A

Lower Limits:

N/K

Upper Limits:

N/K

Extinguishing Media:

WATER SPRAY, DRY CHEMICAL, FOAM, CO2

Fire Fighting Procedures:

EVACUATE NONESSENTIAL PERSONNEL. WEAR FULL FACE SCBA & IMPERVIOUS RUBBER CLOTHING. IF CONTAINER NOT LEAKING, KEEP COOL W/WATER SPRAY. (SEE SUPP DATA)

Unusual Fire/Explosion Hazard:

DRUM MAY RUPTURE VIOLENTLY IF EXPOSED TO EXCESSIVE HEAT. DYNONATE WON'T SUPPORT COMBUSTION, BUT WILL DECOMPOSE IN FIRE GIVING OFF HIGHLY TOXIC IRRITANTS.

Physical/Chemical Properties

HCC:

NRC/State Lic No:

3

Net Prop WT For Ammo:

N/K

Boiling Point:

N/K

B.P. Text:

212F

Melt/Freeze Pt:

NO

M.P./F.P. Text:

NO

Decomp Temp:

STEEL

Decomp Text:

N/K

Vapor Pres:

.21 MICRON

Vapor Density:

N/K

Volatile Org Content %:

N/K

Spec Gravity:

1.154

VOC Pounds/Gallon:

1.154

PH:

N/K

VOC Grams/Liter:

N/K

Viscosity:

N/P

Evaporation Rate & Reference:

N/K

13 PPM:

13 PPM

Appearance and Odor:

LIQUID

Percent Volatiles by Volume:

N/K

Corrosion Rate:

N/K

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

EXCESSIVE HEAT, EXPOSURE TO SUN

Materials To Avoid:

STEEL

Hazardous Decomposition Products:

TOXIC IRRITANTS

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

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