MATERIAL SAFETY DATA SHEET

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

Click http://www.lookchem.com/cas-133/1333-39-7.html for suppliers of this product.

Composition/Information on Ingredient

Cas:
1333-39-7
Code:
M

RTECS:
DB6950000
Code:
M

Name:
PHENOLSULFONIC ACID

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:
THE SPECIFIC RESPIRATOR SELECTED MUST BE BASED ON THE AIRBORNE CONCENTRATION FOUND IN THE WORKPLACE AND MUST NOT EXCEED THE WORKING LIMITS OF THE RESPIRATOR. THE RESPIRATOR MUST BE APPROVED BY NIOSH A ND MSHA.

Ventilation:
PROVIDE GOOD GENERAL (MECHANICAL) ROOM VENTILATION. SPECIAL LOCAL EXHAUST SHOULD BE USED WHERE VAPORS CAN BE RELEASED.

Protective Gloves:
CHEMICAL RESISTANT GLOVES

Eye Protection:
CHEMICAL GOGGLES

Other Protective Equipment:
Equipment CHEMICAL RESISTANT GLOVES AND SUITABLE PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT.

Work Hygienic Practices:
AVOID SKIN CONTACT. PRACTICE GOOD PERSONAL HYGIENE TO PREVENT ACCODENTAL EXPOSURE.

Supplemental Safety and Health:
AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES.

Health Hazards Data

LD50LC50Mixture:
EXPOSURE LIMITS: NOT ESTABLISHED

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
ACUTE EFFECTS: CORROSIVE TO ALL BODY TISSUES. EYE AND SKIN CONTACT, INHALATION AND INGESTION CAN CAUSE SEVERE IRRITATION AND BURNS. CHRONIC EFFECTS: PROLONGED, REPEATED CONTACT WITH SKIN CAN CAUSE BUR NS.

Explanation Of Carcinogenicity:
NOT CONSIDERED CARCINOGENIC BY NTP, IARC AND OSHA.

Signs And Symptions Of Overexposure:
NONE SPECIFIED BY MANUFACTURER.

Medical Cond Aggravated By Exposure:
NONE SPECIFIED BY MANUFACTURER.

First Aid:
3 INGESTION-DO NOT INDUCE VOMITING. GIVE LARGE AMOUNTS OF WATER. CONTACT PHYSICIAN AT ONCE. EYE-FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MIN. CONTACT PHYSICIAN. SKIN-FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEST 15 MIN. REMOVE CONTAMINATED CLOTHING. CONTACT PHYSICIAN. INHALATION-MOVE INTO FRESH AIR. IF NOT BREATHING, PERFORM CPR. IF BREATHING IS HARD, GIVE OXYGEN. CALL PHYSICIAN.

Spill Release Procedures:
SPILLS MAY BE ABSORBED WITH APPROPIATE ABSORBENT MATERIAL FOR ACID SOLUTIONS AND PLACED IN A SUITABLE CONTAINER FOR DISPOSAL. TO CLEAN CONTAMINATED FLOORS, FLUSH WITH ABUNDANT QUANTITIES OF WATER INTO SEWER OR WASTE TREATMENT SYSTEMS IF PERMITTED.

Neutralizing Agent:
N/P

Waste Disposal Methods:
DISPOSE OF CONTAMINATED PRODUCT AND MATERIAL USED IN CLEANING UP SPILLS AND LEAKS IN A MANNER APPROVED FOR THIS MATERIAL.

Handling And Storage Precautions:
CORROSIVE ACID LIQUID. STORE IN CLOSED CONTAINER IN A COOL,, DRY AREA AT 50-90F. STORE AWAY FROM ORGANIC MATERIALS, REDUCING AGENTS, ALKALINE MATERIAL

Other Precautions:
DO NOT STORE IN DIRECT SUNLIGHT.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NON-FLAMMABLE

Autoignition Temp:

Autoignition Temp Text:
N/R

Lower Limits:
N/R

Upper Limits:
N/R

Extinguishing Media:
FOR FIRE IN AREA USE WATER, CARBON DIOXIDE, DRY CHEMICALS.

Fire Fighting Procedures:
WEAR FULL PROTECTIVE CLOTHING WHEN POSSIBILITY OF ACID CONTACT. USE SELF CONTAINED BREATHING APPARATUS. 4

Unusual Fire/Explosion Hazard:
ADDING WATER TO ACIDS GENERATES HEAT & MAY CAUSE SPATTERING. SULFURIC ACID SOLUTIONS REACT WITH MOST METALS TO EMIT FLAMMABLE HYDROGEN GAS.

Physical/Chemical Properties

HCC:
C1

NRC/State LIC No:
N/R

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
>212F,>100C 5

Melt/Freeze Pt:

M.P/F.P Text:
N/K

Decomp Temp:

Decomp Text:
UNNOWN

Vapor Pres:
N.A.

Vapor Density:
N.A.

Volatile Org Content %:

Spec Gravity:
1.4

VOC Pounds/Gallon:

PH: <1

VOC Grams/Liter:

Viscosity:
N/K

Evaporation Rate & Reference:
N.A.

Solubility in Water:
COMPLETE

Appearance and Odor:
ORANGE LIQUID WITH SLIGHT, NON-IRRITATING ODOR.

Percent Volatiles by Volume:
N.A.

Corrosion Rate:
UNNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
AVOID LEAKS OR SPILLS.

Materials To Avoid:
DO NOT STORE NEAR ORGANIC MATERIALS, REDUCING AGENTS OR ALKALINE MATERIALS.

Hazardous Decomposition Products:
NEUTRALIZATION PRODUCES HEAT. WHEN HEATED TO DECOMPOSITION MAY EMIT TOXIC FUMES, INCLUDING SULFUR OXIDES.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NOT APPLICABLE

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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