

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-599/5995-86-8.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
5995-86-8

Code:
M

RTECS:

Code:
X

Name:
GALLIC ACID MONOHYDRATE

Other REC Limits:
NONE RECOMMENDED

OSHA PEL:
N/K (FP N)

Code:
M

OSHA STEL:

Code:

ACGIH TLV:

N/K (FP N)

Code:
M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

RESPIRATORY PROTECTION PROGRAM THAT MEETS OSHA'S 29 CFR 1910.134 & ANSI Z88.2 REQUIREMENTS MUST BE FOLLOWED WHENEVER WORKPLACE CONDITIONS WARRANT RESP'S USE. USE NIOSH APPROVED AIR PURIFYING RESPS W/I IN USE LIMITS ASSOCIATED W/EQUIPMENT OR ELSE USE NIOSH APPROVED AIR- RESPS. IF AIR PURIFYING RESP USE IS APPROP, USE NIOSH APPROVED RESP W/DUST OR MIST FILTERS.

Ventilation:

ADEQUATE VENTILATION.

Protective Gloves:

RUBBER GLOVES.

Eye Protection:

ANSI APPROVED CHEM WORKERS GOGGLES (FP N).

Other Protective Equipment:

Equipment 4 ANSI APPROVED EYE WASH DELUGE SHOWER (FP N). USE PROTECTIVE EQUIPMENT IN ACCORDANCE WITH 29 CFR 1910 SUBPART 1.

Work Hygienic Practices:

WASH GLOVES OFF AFTER EACH USE. REPLACE AS NECESSARY.

Supplemental Safety and Health:

PH 1% SOLN (APPROX) 2.8. WASTE DISPOSAL METHOD: OR OTHERWISE DIFFERENT FROM FEDERAL REGULATIONS. CONSULT FEDERAL, STATE & LOCAL REGULATIONS REGARDING PROPER DISPOSAL OF THIS MATERIAL.

Health Hazards Data

LD50/LC50/Mixture:

LD50: (ORAL, RAT) 5,000 MG/KG

Route Of Entry Inds - Inhalation:

YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:

NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:

2 ACUTE: SKIN: PRIMARY ROUTE OF EXPOSURE; MAY CAUSE MODERATE IRRITATION TO THE SKIN. EYES: MAY CAUSE MODERATE IRRITATION TO THE EYES. INHALATION: PRIMARY ROUTE OF EXPOSURE; DUSTS CAUSE IRRITATION TO THE UPPER RESPIRATORY TRACT. INGESTION: MAY CAUSE GI IRRITATION. PROLONGED OR REPEATED EXPOSURES MAY (EFTS OF OVEREXP)

Explanation Of Carcinogenicity:

NOT RELEVANT

Signs And Symptoms Of Overexposure:

HLTH HAZ: CAUSE PRIMARY IRRITANT DERMATITIS.

Medical Cond Aggravated By Exposure:

NOT KNOWN.

First Aid:

SKIN: REMOVE CONTAMINATED CLOTHING. WASH EXPOSED AREA WITH LARGE QUANTITY OF SOAP SOLUTION OR WATER FOR 15 MINUTES. EYES: IMMEDIATELY FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES. IMMEDIATELY CONTACT MD FOR ADDITIONAL TREATMENT. INHALATION: REMOVE FROM CONTAMINATED AREA TO FRESH AIR. APPLY APPROPRIATE FIRST AID TREATMENT AS NECESSARY. INGESTION: DO NOT FEED ANYTHING BY MOUTH TO UNCONSCIOUS OR CON VULSIVE VICTIM. DO NOT INDUCE VOMITING. IMMEDIATELY CONTACT MD. DILUTE CONTENTS OF STOMACH U

Spill Release Procedures:

VENTILATE AREA. USE SPECIFIED PROTECTIVE EQUIPMENT. CONTAIN AND ABSORB ON ABSORBENT MATERIAL. PLACE IN WASTE DISPOSAL CONTAINER. FLUSH AREA WITH WATER. WET AREA MAY BE SLIPPERY. SPREAD SAND/GRIT.

Neutralizing Agent:

NON SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:

WATER CONTAMINATED W/THIS PROD MAY BE SENT TO SANITARY SEWER TREATMENT FACILITY I/A/W ANY LOCAL AGREEMENT, PERMITTED WASTE TREATMENT FACILITY OR DISCHARGED UNDER PERMIT. PROD AS IS - INCIN OR LAND DISPOSE IN APPROVED LANDFILL. RCRA HAZ WASTE NUMBER: N/A. BE ADVISED, HOWEVER, THAT STATE & LOCAL REQS FOR WASTE DISP MAY BE MORE RESTRICTIVE (SUPDAT)

Handling And Storage Precautions:

NORMAL CHEMICAL HANDLING. KEEP CONTAINERS CLOSED WHEN NOT IN USE. KEEP DRY.

Other Precautions:

NONE SPECIFIED BY MANUFACTURER. 3

Fire and Explosion Hazard Information

Flash Point Method:

PMCC

Flash Point:

N/A

Flash Point Text:

>200F,>93C

Autoignition Temp:

N/A

Autoignition Temp Text:

N/A

Lower Limits:

N/K

Upper Limits:

N/K

Extinguishing Media:

DRY CHEMICAL, CARBON DIOXIDE, FOAM OR WATER.

Fire Fighting Procedures:

USE NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N).

Unusual Fire/Explosion Hazard:

THERMAL DECOMPOSITION (DESTRUCTIVE FIRES) YIELDS ELEMENTAL OXIDES.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Top WT For Ammo:

Boiling Point:

N/K

Melt/Freeze Pt:

N/K

Decomp Temp:

N/K

Decomp Text:

N/K

Vapor Pres:

N/A

Vapor Density:

N/A

Volatile Org Content %:

N/A

Spec Gravity:

N/K

VOC Pounds/Gallon:

N/A

pH:

SUPDAT

VOC Grams/Liter:

N/P

Viscosity:

N/P

Evaporation Rate & Reference:

NOT KNOWN.

Solubility in Water:

1.1

Appearance and Odor:

WHITE TO YELLOW SOLID; NO ODOR.

Percent Volatiles by Volume:

N/K

Hazardous Decomposition Products:

THERMAL DECOMPOSITION (DESTRUCTIVE FIRES) YIELDS ELEMENTAL OXIDES.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

NOT RELEVANT

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

Other Information:N/P

Other Information:

N/P

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