

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-89/89-65-6.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

89-65-6

Code:

M

RTECS:

KF3015000

Code:

M

Name:

ERYTHORBIC ACID

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:

NOT NORMALLY NEEDED SINCE THE VOLATILITY & TOXICITY ARE LOW.

Ventilation:

GENERAL: RECOMMENDED

Protective Gloves:

IMPERMEABLE

Eye Protection:

CHEMICAL SPLASH GOGGLES

Other Protective Equipment:

Equipment SHOES

Work Hygienic Practices:

REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health:

8.7 LBS/GAL. 3

Health Hazards Data

LD50LC50Mixture:

ORAL (RAT) LD50: >5 G/KG

Route Of Entry Inds - Inhalation:

NO

Skin:

YES

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

EYES/SKIN: IRRITATION.

Explanation Of Carcinogenicity:

NONE

Signs And Symptoms Of Overexposure:

EYES: IRRITATION.

Medical Cond Aggravated By Exposure:

N/K

First Aid:

EYES/SKIN: FLUSH W/WATER FOR 15 MINS. INGESTION: IF UNCONSCIOUS, HAVING TROUBLE BREATHING OR IN CONVULSIONS, DON'T INDUCE VOMITING OR GIVE WATER. OBTAIN MEDICAL ATTENTION IN ALL CASES. PHYSICIAN NOTE: NO SPECIFIC ANTIDOTE IS KNOWN. BASED ON THE INDIVIDUAL REACTIONS OF THE PATIENT, THE PHYSICIAN'S JUDGMENT SHOULD BE USED TO CONTROL SYMPTOMS & CLINICAL CONDITION.

Spill Release Procedures:

WEAR PROTECTIVE EQUIPMENT WHEN ENTERING LARGE TANKS/VESSELS. CONTAIN W/ABSORBENT MATERIAL, SUCH AS CLAY, SOIL OR ANY COMMERCIALLY AVAILABLE ABSORBENT. SHOVEL RECLAIMED LIQUID/ABSORBENT INTO SALVAGE DR UMS/TANK TRUNK. DIKE TO PREVENT FURTHERMOVEMENT.

Neutralizing Agent:

N/K

Waste Disposal Methods:

AS A NON-HAZARDOUS LIQUID WASTE, IT SHOULD BE SOLIDIFIED BEFORE DISPOSAL TO A SANITARY LANDFILL. CAN BE DEEP-WELL INJECTED IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS. 2

Handling And Storage Precautions:

AVOID CONTACT W/SKIN, EYES & CLOTHING. AVOID BREATHING OF VAPOR, SMOKE, OR FUMES. USE W/ADEQUATE VENTILATION. DON'T TAKE INTERNALLY.

Other Precautions:

EMPTY CONTAINERS MAY CONTAIN RESIDUAL PRODUCT. DON'T REUSE CONTAINER UNLESS PROPERLY RECONDITIONED.

Fire and Explosion Hazard Information

Flash Point Method:

PMCC

Flash Point:

N/A

Flash Point Text:

>200F

Autoignition Temp:

N/A

Autoignition Temp Text:

N/A

Lower Limits:

N/K

Upper Limits:

N/K

Extinguishing Media:

N/K

Fire Fighting Procedures:

THIS PRODUCT WILL NOT BURN UNLESS ALL THE WATER IS BOILED AWAY. USE WATER TO COOL CONTAINERS EXPOSED TO FIRE. WEAR SCBA IN PRESSURE DEMAND FOR ENCLOSED AREAS.

Unusual Fire/Explosion Hazard:

THE REMAINING ORGANICS MAY BE IGNITABLE. EXPLOSIONS MAY OCCUR UPON CONTACT W/STRONG OXIDIZERS.

Physical/Chemical Properties

HCC:**NRC/State LIC No:****Net Prop WT For Ammo:**

N/A

Boiling Point:

N/A

B.P. Text:

N/A

Melt/Freeze Pt.:

N/A

M.F.P. Text:

N/K

Decomp Temp:

N/A

Decomp Text:

N/A

Vapor Pres:

8.2 - 15.5

Vapor Density:

N/A

Volatile Org Content %:

N/A

Spec Gravity:

1.04

VOC Pounds/Gallon:

N/A

PH:

8.9

VOC Grams/Liter:

N/A

Viscosity:

N/P

Evaporation Rate & Reference:

N/A

Solubility in Water:

COMPLETE

Appearance and Odor:

YELLOW/BROWN LIQUID

Percent Volatiles by Volume:

N/K

Corrosion Rate:

N/K

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

HEAT, FIRES

Materials To Avoid:

STRONG OXIDIZERS, NITROUS ACID, ORGANIC OR INORGANIC NITRITES OR ATMOSPHERES W/HIGH NITROUS OXIDE CONCENTRATIONS

Hazardous Decomposition Products:

TOXIC FUMES, CO, CO₂, NITROGEN OXIDES, & N-NITROSAMINES

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

N/K

Toxicological Information

Information:

N/P

MSDS Transport Information

Information:

N/P

Regulatory Information

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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