

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

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
NOT NORMALLY NEEDED SINCE THE VOLATILITY & TOXCITY 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 Symptions 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:

Flash Point Text:
>200F

Autoignition Temp:

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:

Boiling Point:

B.P. Text:
N/K

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
8.2 - 15.5

Vapor Density:
N/K

Volatile Org Content %:

Spec Gravity:
1.04

VOC Pounds/Gallon:

PH: 8.9

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/K

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

Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

Other Information:N/P

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

WARRANTY
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

LookChemTM
Look for Chemicals
www.lookchem.com