

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-90/90-80-2.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
90-80-2
Code:
M

RTECS:
LZ5184000
Code:
M

Name:
GLUCONOLACTONE (TIR STATES(25 GRAMS GLUCONLACTONE

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:
WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE A NIOSH APPROVED DUST MASK.

Ventilation:
LOCAL EXHAUST

Protective Gloves:
RUBBER.

Eye Protection:
SAFETY GOGGLES.

Other Protective Equipment:
Equipment LAB COAT OR WORK APRON.

Work Hygienic Practices:
USE GOOD LABORATORY PRACTICES.

Supplemental Safety and Health:
NONE

Health Hazards Data

LD50LC50Mixture:
LD50 FOR THIS PRODUCT IS NOT ESTABLISHED

Route Of Entry Inds - Inhalation:
YES

Skin:
NO

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
EYES: CAN CAUSE IRRITATION.SKIN: CAN CAUSE IRRITATION.INHAL: CAN IRRITATE.INGEST: POSSIBLE IRRITATION OF MUCOUS MEMBRANES.MAY ACT AS A LAXATIVE.

Explanation Of Carcinogenicity:
THERE ARE NO INGREDIENTS ABOVE 0.1% WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.

Signs And Symptions Of Overexposure:
IRRITATION OF EYES,SKIN AND MUCOUS MEMBRANES.

Medical Cond Aggravated By Exposure:
PERSONS WITH PRE-EXISTING RESPIRATORY AILMENTS MAY BE AT INCREASED RISK FROM EXPOSURE.

First Aid:
3 EYES: FLUSH WITH WATER FOR 15 MINUTES.SKIN: WASH WITH WATER.INHAL: REMOVE TO FRESH AIR.INGEST: DO NOT INDUCE VOMITING. CONSULT A PHYSICIAN.

Spill Release Procedures:
SOLID: PICK UP WITH OUT MAKING DUST.SOLUTION: SOAK UP WITH AN INERT ABSORBANT; PLACE IN A PROPER CONTAINER FOR DISPOSAL.

Neutralizing Agent:
NONE

Waste Disposal Methods:
DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

Handling And Storage Precautions:
MATERIEL IS HYGROSCOPIC.STORE IN A COOL, DRY AREA IN CLOSED CONTAINERS.

Other Precautions:
NONE

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
>250F, >121C

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
WATER, DRY CHEMICAL, CARBON DIOXIDE.

Fire Fighting Procedures:
USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:
MAY EMIT MGO IF HEATED TO DECOMPOSITION TEMPERATURE. 4

Physical/Chemical Properties

HCC:
N1

NRC/State LIC No:
N/R

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:
N/K

Vapor Density:
N/K 5

Volatile Org Content %:

Spec Gravity:
N/K

VOC Pounds/Gallon:

PH: 3SOLN

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/K

Solubility in Water:
COMPLETE

Appearance and Odor:
WHITE POWDER, HYGROSCOPIC; ODOR NOT REPORTED

Percent Volatiles by Volume:
N/K

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
DIRECT CONTACT WITH WATER, HEAT.

Materials To Avoid:
WATER, STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:
CARBON DIOXIDE, CARBON MONOXIDE, MAGNESIUM OXIDE.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
AVOID DIRECT CONTACT WITH WATER.

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