

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-204/20427-58-1.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
20427-58-1

Code:
M

RTECS:
ZH3853000

Code:
M

Name:
ZINC HYDROXIDE.TOTAL PERCENT OF INGREDIENTS 1 & 2

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:
IF BATTERIES ARE BURNING USE SELF-CONTAINED BREATHING APPARATUS (SCBA).

Ventilation:
SELF-CONTAINED BREATHING APPARATUS.

Protective Gloves:
CHEMICALLY RESISTANT IF LEAKING.

Eye Protection:
CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:
Equipment CHEMICALLY RESISTANT APRON.

Work Hygienic Practices:
IF BATTERY LEAKING ELECTROLYTE AVOID SKIN AND EYE CONTACT.

Supplemental Safety and Health:
OUTSIDE PACKAGE DIMENSIONS (INCHES):8.1X6.8X0.4. 6

Health Hazards Data

LD50LC50Mixture:
NOT KNOWN

Route Of Entry Inds - Inhalation:
YES

Skin:
NO

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
INTACT BATTERIES PRESENT NO SPECIFIC HAZARDS.BURNING BATTERIES MAY EMIT TOXIC FUMES.

Explanation Of Carcinogenicity:
4 NONE

Signs And Symptions Of Overexposure:
LEAKING BATTERIES LEAK CORROSIVE MATERIAL,IRRITATING TO EYES,SKIN,MUCOUS MEMBRANE.ELECTROLYTE EXPOSURE TO SKIN,EYES WILL CAUSE SEVERE IRRITATION.INHALATION OF FUMES MAY CAUSE SEVERE RESPIRATORY IRRITA TION.

Medical Cond Aggravated By Exposure:
BURNING BATTERIES:RESPIRATORY AILMENTS.LEAKING BATTERIES:SKIN CONDITIONS.

First Aid:
BATTERY CONTENTS IN CONTACT WITH EYES/SKIN:WASH AFFECTED AREA WITH CLEAN WATER FOR AT LEAST 15 MINUTES.DO NOT ATTEMPT TO NEUTRALIZE.SEEK MEDICAL ATTENTION PROMPTLY.

Spill Release Procedures:
AVOID SKIN OR EYE CONTACT.USE NONFLAMMABLE ABSORBENT FOR CLEANUP.COORDINATE WITH INSTALLATION SAFETY AND ENVIRONMENTAL OFFICES.

Neutralizing Agent:
NOT KNOWN

Waste Disposal Methods:
DISP MUST BE IAW FEDERAL,STATE,AND LOCAL REGS.COORDINATE WITH SUPPORTING INSTALLATION AND/OR MACOM ENVIRON OFFICE PRIOR TO DISPOSAL (FP A).AG CONTAINING BATTERIES CLASSIFIED AS HAZ WASTE UNDER RCRA,DI SP SHOULD BE THROUGH DRMO.RECLAMATION PREFERRED.

Handling And Storage Precautions:
DO NOT ABUSE OR SHORT CIRCUIT.WHEN STORING,STORE IN COOL,DRY AND WELL VENTILATED AREA,WHICH IS APPROVED BY LOCAL FIRE DEPARTMENT.

Other Precautions:
DO NOT ATTEMPT TO RECHARGE.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NOT KNOWN 5

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
NOT KNOWN

Upper Limits:
NOT KNOWN

Extinguishing Media:
USE CARBON DIOXIDE OR DRY CHEMICAL FIRE EXTINGUISHER,10-B:C.

Fire Fighting Procedures:
FIRE FIGHTERS SHOULD USE SELF-CONTAINED BREATHING APPARATUS (SCBA).

Unusual Fire/Explosion Hazard:
BATTERY/CELLS MAY RUPTURE AND/OR RELEASE TOXIC FUMES,IF SUBJECTED TO EXTREME HEAT.FIRE MAY CAUSE BATTERIES TO FUME.

Physical/Chemical Properties

HCC:

NRC/State LIC No:
N/R

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
NOT KNOWN

Melt/Freeze Pt:

M.P/F.P Text:
NOT KNOWN

Decomp Temp:

Decomp Text:
NOT KNOWN

Vapor Pres:
NOT KNOWN

Vapor Density:
NOT KNOWN

Volatile Org Content %:

Spec Gravity:
NOT KNOWN

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
NOT KNOWN

Solubility in Water:
NOT KNOWN

Appearance and Odor:
NOT KNOWN

Percent Volatiles by Volume:
N/K

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
FIRE AND EXTREME HEAT.

Materials To Avoid:
STORE SEPARATELY FROM OTHER HAZARDOUS MATERIALS.

Hazardous Decomposition Products:
WHEN EXPOSED TO FIRE OR EXTREME HEAT,BATTERIES MAY EMIT TOXIC FUMES.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
WILL NOT OCCUR. 7

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



Look for Chemicals

www.lookchem.com

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.