

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

ACGIH STEL:

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

LD50/LC50/Mixture:

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 Symptoms 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 IRRITATION.

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,DISP 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 RUPURE AND/OR RELEASE TOXIC FUMES,IF SUBJECTED TO EXTREME HEAT.FIRE MAY CAUSE BATTERIES TO FUME.

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:

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Physical/Chemical Properties

HCC:**NRC/State IC No:**

N/R

Net Prop WT For Ammo:

NO

Boiling Point:

NO

B.P. Text:

NOT KNOWN

Melt/Freeze Pt:

Melt/Freeze Pt

M.P/F.P Text:

NO

Decomp Temp:

NO

Decomp Temp:

NOT KNOWN

Volatile Org Content %:

NO

Spec Gravity:

NOT KNOWN

VOC Pounds/Gallon:

NO

pH:

N/K

VOC Grams/Liter:

NO

Viscosity:

N/P

Evaporation Rate & Reference:

NO

Solubility in Water:

NO

Appearance and Odor:

NOT KNOWN

Percent Volatiles by Volume:

N/K

Decomp Rate:

N/K

Reactivity Data:

NO

Stability Indicator:

YES

Stability Condition To Avoid:

FIRE AND EXTREME HEAT.

Materials To Avoid:

STORF 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.

Toxicological Information

Information:

N/P

MSDS/Transport Information

Information:

N/P

Regulatory Information

Sara Title III Information:

N/P

Federal Registry Information:

N/P

State Regulatory Information:

N/P

Other Information

Other Information:

N/P

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