MATERIAL SAFETY DATA SHEET For R&D use only. Not for drug, household or other uses.

Click http://www.lookchem.com/cas-773/7733-02-0.html for suppliers of this product.

Code: Μ **RTECS:**

Μ

Other REC Limits:

OSHA PEL:

OSHA STEL:

ACGIH TLV:

ACGIHSTEL:

NOT ESTABLISHED

Code:

Code:

Code: Μ

Μ

NONE RECOMMENDED

NOT ESTABLISHED

ZINC SULFATE (SARA 313) (CERCLA)

Composition/Information on Ingredient Cas: 7733-02-0

ZH5260000 Code: Name:

Code: **Control Measures**

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

Ventilation: SELF-CONTAINED BREATHING APPARATUS. **Protective Gloves:** CHEMICAL-RESISTANT GLOVES IF LEAKING **Eye Protection:** CHEMICAL-RESISTANT GOGGLES.

Other Protective Equipment: Equipment CHEMICAL-RESISTANT APRON. **Work Hygienic Practices:**

IF BATTERY LEAKING ELECTROLYTE AVOID SKIN AND EYE CONTACT. **Supplemental Safety and Health:** OUTSIDE PACKAGE DIMENSIONS (INCHES):15/16 X 2 5/8.CONTRACT NUMBER:DAAB07-92-P-R001.

Health Hazards Data

LD50LC50Mixture: NOT KNOWN **Route Of Entry Inds - Inhalation:** YES Skin: Ingestion: NO **Carcinogenicity Inds - NTP:**

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

Explanation Of Carcinogenicity: 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 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. **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 ENVIRONMENTAL OFFICE PRIOR TO DISP.AG BATTERIES CLASSIFIED AS HAZARDOUS WASTE UNDER RCRA. DISPOSITIO N THROUGH DRMO.RECLAMATION IS 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

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

BATTERY/CELLS MAY RUPTURE AND/OR RELEASE TOXIC FUMES, IF SUBJECTED TO FIRE OR EXTREME HEAT.

USE SELF-CONTAINED BREATHING APPARATUS (SCBA).

Physical/Chemical Properties

Flash Point Method:

N/P

N/A

HCC: N1

NRC/State LIC No:

Boiling Point:

Melt/Freeze Pt:

M.P/F.P Text: NOT KNOWN

Decomp Temp:

Decomp Text: NOT KNOWN

Vapor Pres: NOT KNOWN

Vapor Density: NOT KNOWN

Spec Gravity: NOT KNOWN

PH: N/K

Viscosity:

NOT KNOWN

NOT KNOWN

NOT KNOWN 4

Corrosion Rate:

Stability Indicator:

Materials To Avoid:

WILL NOT OCCUR.

Information:N/P

Information:N/P

Solubility in Water:

Appearance and Odor:

Percent Volatiles by Volume:

Reactivity Data

Stability Condition To Avoid: FIRE AND EXTREME HEAT.

Hazardous Decomposition Products:

Hazardous Polymerization Indicator:

Conditions To Avoid Polymerization:

Toxicological Information

Regulatory Information

Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

Look for Chemicals

www.lookchem.com

Other Information:N/P

MSDS Transport Information

STORE SEPARATELY FROM OTHER HAZARDOUS MATERIALS.

WHEN EXPOSED TO FIRE OR EXTREME HEAT, BATTERIES MAY RUPTURE AND RELEASE FUMES.

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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

WARRANTY

terms and conditions of sale.

N/P

N/K

YES

NO

VOC Pounds/Gallon:

VOC Grams/Liter:

Evaporation Rate & Reference:

Volatile Org Content %:

B.P. Text: NOT KNOWN

Net Prop WT For Ammo:

Lower Limits: NOT KNOWN

Upper Limits: NOT KNOWN 3

Extinguishing Media:

Fire Fighting Procedures:

Unusual Fire/Explosion Hazard:

Flash Point:

Flash Point Text: NOT KNOWN

Autoignition Temp:

Autoignition Temp Text: