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

7440-66-6 Code: Τ

AS IN ANY FIRE SITUATION, USE SELF-CONTAINED BREATHING APPARATUS (SCBA).

THESE CHEMICALS ARE CONTAINED IN A SEALED CAN. RISK OF EXPOSURE OCCURS ONLY IF THE BATTERY IS MECHANICALLY OR

IF LEAKAGE FROM CELLS CONTACTS: SKIN-FLUSH WITH WATER AND WASH WITH SOAP AND WATER. EYES-FLUSH WITH COPIOUS

AVOID SKIN AND EYE CONTACT. DO NOT INHALE VAPORS. COLLECT ALL RELEASED MATERIAL IN PLASTIC BAG FOR WASTE DISPOSAL.

USE BATTERY ONLY IN PROPER EQUIPMENT. OBSERVE CORRECT POLARITY WHEN INSTALLING INTO EQUIPMENT. DO NOT ATTEMPT TO

IN SMALL QUANTITIES, BATTERIES MAY BE DISPOSED OF WITH HOUSEHOLD TRASH. DO NOT INCINERATE! DISPOSE OF LARGE

FIRE FIGHTERS SHOULD USE SELF-CONTAINED BREATHING APPARATUS WHEN A LARGE NUMBER OF CELLS ARE INVOLVED.

CAUSE IRRITATION OR BURNS. EYE CONTACT W/KOH MAY CAUSE PERMANENT INJURY.

2 AN ACUTE EXPOSURE WILL NOT GENERALLYAGGRAVATE ANY MEDICAL CONDITION.

NONE SPECIFIED BY MANUFACTURER. DLA-HMIS STAFF: 5% ACETIC ACID SOLUTION.

AMOUNTS OF WATER FOR 15 MINUTES THEN SEE PHYSICIAN AT ONCE.

STORE IN A DRY PLACE. DO NOT RECHARGE. DO NOT SHORT CIRCUIT.

Fire and Explosion Hazard Information

ELECTRICALLY ABUSED. MOST LIKELY, RISK IS WHEN A CELL LEAKS. KOH (POTASSIUM HYDROXIDE) IS CAUSTIC AND SKIN CONTACT CAN

ZINC % low Wt: 11. Code: M % high Wt: 16. Code:

Name:

NΡ

NΡ

NP Code:

NP Code:

NΡ Code:

Code:

OSHA PEL:

OSHA STEL:

ACGIH TLV:

ACGIHSTEL:

Ventilation:

Protective Gloves:

Eye Protection:

Equipment N/A.

Other Protective Equipment:

Work Hygienic Practices:

LD50LC50Mixture:

YES

Skin: YES

YES

IARC: NO

OSHA: NO

First Aid:

Ingestion:

N/A.

N/A.

Control Measures

3 WHEN HANDLING LEAKING BATTERIES

NONE SPECIFIED BY MANUFACTURER.

NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health:

Health Hazards Data

NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation:

Carcinogenicity Inds - NTP:

Health Hazards Acute And Chronic:

Explanation Of Carcinogenicity: NONE SPECIFIED BY MANUFACTURER.

Spill Release Procedures:

Waste Disposal Methods:

Handling And Storage Precautions:

Neutralizing Agent:

Other Precautions:

Flash Point Method:

RECHARGE.

Flash Point:

Flash Point Text:

Autoignition Temp:

Lower Limits:

Upper Limits:

Extinguishing Media:

Fire Fighting Procedures:

Unusual Fire/Explosion Hazard:

CELLS MAY RUPTURE WHEN HEATED EXCESSIVELY.

Physical/Chemical Properties

N/A

N/A

HCC: **Z7**

N/P

NRC/State LIC No:

Boiling Point:

Melt/Freeze Pt:

M.P/F.P Text:

Decomp Temp:

Decomp Text:

Vapor Pres:

Vapor Density:

Spec Gravity:

PH: N/P

Viscosity:

N/P

N/P

N/P

YES

N/A.

NO

N/A.

Information:N/P

Information:N/P

N/P

B.P. Text:

Net Prop WT For Ammo:

KOH (1320) MNO2 N/A ZN

KOH (360) MNO2 (535) ZN

KOH MNO2 (NA) ZN (1)@487C

Volatile Org Content %:

KOH (2.0) MNO2 (5.0) ZN

VOC Pounds/Gallon:

VOC Grams/Liter:

KOH MNO2, ZN (NA)

Solubility in Water:

Corrosion Rate:

Stability Indicator:

Materials To Avoid:

Evaporation Rate & Reference:

KOH (CLEAR LIQUID), MNO2 (BLACK POWDER), ZN (GREY POWDER).

DO NOT HEAT, DISASSEMBLE, OR RECHARGE. DO NOT SHORT CIRCUIT.

WHEN HEATED, CELLS MAY EMIT HAZARDOUS VAPORS OF CAUSTIC KOH.

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terms and conditions of sale.

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

KOH (50%), MNO2 (0%), ZN

Percent Volatiles by Volume:

Reactivity Data

Stability Condition To Avoid:

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

www.lookchem.com

Other Information:N/P

MSDS Transport Information

Appearance and Odor:

Autoignition Temp Text:

N/A

Signs And Symptions Of Overexposure:

Medical Cond Aggravated By Exposure:

SKIN-IRRITATION, BURNS. EYES-PERMANENT INJURY.

QUANTITIES IN ACCORDANCE WITH LOCAL REGULATIONS.

Respiratory Protection:

Other REC Limits:

Click http://www.lookchem.com/cas-744/7440-66-6.html for suppliers of this product. Composition/Information on Ingredient Cas:

RTECS: ZG8600000 Code: Τ