



ACR ELECTRONICS, INC.

Material Safety Data Sheet

Section 1 Product and Company Identification

PSDS No. 003 L8-3 PERSONAL RESCUE LIGHT, WATER ACTIVATED BATTERY USCG

PRODUCT NUMBERS: 1046, 3719.xxxx, 3720.xxxx, 3721.xxxx, 3722.xxxx, 3723.xxxx, 3724.xxxx

REVISION DATE: 02-13-06 Revision: E

Manufacturer: ACR Electronics, Inc. 5757 Ravenswood Rd., Ft. Lauderdale, FL. 33312 USA

PHONE:(954)-981-3333 FAX: (954)-961-4403 INTERNET: www.acrelectronics.com E-MAIL: msds@acrelectronics

Hours of Operation: 9am to 5pm Monday through Friday Eastern Standard Time

EMERGENCY 24 HOUR TELEPHONE NUMBER: CHEM-TEL, INC, (800) 255-3924

Section 2 Composition / Ingredient Information

Ingredient Name	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH
	TWA	STEL	TWA	STEL	TWA	STEL	IDLH
CUPROUS IODIDE							
SULFUR							
GRAPHITE							
MAGNESIUM							
Ingredient Name	CAS Number		% wt				
CUPROUS IODIDE	7681-65-4		Proprietary				
SULFUR	7704-34-9		Proprietary				
GRAPHITE	7782-42-5		Proprietary				
MAGNESIUM	007439-95-4		Proprietary				

Section 3 - Potential Health Effects

Under normal conditions of use, the battery is not a health hazard. Ingredients of battery are in solid form. There is no respirable dusts.

Section 4 - First Aid Measures

Under normal conditions of use, the battery does not require any First Aid.

Section 5 - Fire-Fighting Measures

In case of fire, it is permissible to use any class of extinguishing medium on these batteries or their packing material. Fire fighters should wear self-contained breathing apparatus.

Extinguishing Media: Water.

Unusual Fire or Explosion Hazards: None.

Section 6 - Accidental Release Measures

Spill /Leak Procedures: USE GENERAL CLEANUP PROCEDURES.

Spills and Containment: NOT APPLICABLE.

Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).

Section 7 - Handling and Storage

Handling Precautions: The battery should not be opened or burned. Exposure to the ingredients or combustion products could be harmful.

Storage Requirements: STORE IN A DRY PLACE. Product is water activated. Once exposed to water, product will start to function. Do not expose to water until ready for use.

Section 8 - Exposure Controls / Personal Protection

Protective Clothing/Equipment, Respiratory Protection: NOT REQUIRED FOR NORMAL USE.

Section 9 - Physical and Chemical Properties

Physical State, Appearance and Odor, Odor Threshold, Vapor Pressure, Vapor Density, Formula Weight, Density, Specific Gravity, pH: NOT APPLICABLE.

Water Solubility: INSOLUBLE.
Boiling Point, Freezing/Melting Point, Viscosity, Refractive Index, Surface Tension, % Volatile, Evaporation Rate: NOT APPLICABLE.

Section 10 - Stability and Reactivity

Stability: PRODUCT is stable at room temperature under normal storage and handling conditions.

Polymerization: Hazardous polymerization cannot occur.

Chemical Incompatibilities: Reacts with water to release hydrogen gas.

Conditions to Avoid: Do not activate product with water in enclosed areas.

Hazardous Decomposition Products: When activated with water, PRODUCT will produce a small quantity of Hydrogen Gas. After 8 hours of activation, PRODUCT can also produce Hydrogen Sulfide. PRODUCT can produce acrid smoke and fumes when burned.

Section 11- Toxicological Information

Eye Effects, Skin Effects, Acute Inhalation Effects: NOT APPLICABLE.

Acute Oral Effects, Chronic Effects: NOT APPLICABLE.

Carcinogenicity, Mutagenicity, Teratogenicity: NOT APPLICABLE.

Section 12 - Ecological Information

Ecotoxicity, Environmental Fate, Environmental Transport, Environmental Degradation, Soil Absorption/Mobility: NOT APPLICABLE.

Section 13 - Disposal Considerations

Disposal: Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, state, and local regulations. Each unit contains less than 5 grams of copper. Follow guidelines for copper disposal.

Section 14 - Transport Information

DOT Transportation Data (49 CFR 172.101):

The transportation of these batteries are not regulated by the U.S. Department of Transportation or other major international regulatory bodies.

Section 15 - Regulatory Information

EPA Regulations: NOT REGULATED.

RCRA Hazardous Waste Number: Not listed.

CERCLA Hazardous Substance and CERCLA Reportable Quantity: not listed.

SARA/TITLE III - As an article, this battery and its contents are not subject to the requirements of the Emergency Planning and Community Right-To-Know Act.

Section 16 - Other Information

Prepared By: ROBERT STOLPE, ENVIRONMENTAL MANAGER FOR ACR ELECTRONICS, INC.

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