



ACR Electronics, Inc.

Safety Data Sheet

SDS 04

Revision: I

05-17-2018

SECTION 1: Product and Company Identification

Company Information:

ACR Electronics, Inc.

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FAX: (954)-961-4403

WEBSITE: www.acrartex.com

E-MAIL: msds@acrartex.com

Hours of Operation: 9am to 5pm Mon. through Fri.

EMERGENCY 24-HOUR TELEPHONE NUMBERS: CHEM-TEL, INC, Inside U.S. (800) 255-3924, Outside U.S. (813) 248-0585 and FAX (813) 248-0582 see www.chemtelinc.com for more information about Chem-Tel, Inc.

Product Information:

Brand: ACR ARTEX

PRODUCT NAME: L8-3, L8-4 Personal Rescue Light (Water Activated Battery)

PART NUMBER: 3720.XXXX, 3730.XXXX

SECTION 2: HAZARDS IDENTIFICATION

Physical Appearance: Ingredients of battery are in solid tablet form with dark gray color which is contained within unit.

EMERGENCY OVERVIEW

Potential Health Effects:

Under normal conditions of use, the battery is not a health hazard.

Eye Contact: Contact with battery contents may cause irritation.

Skin Contact: Under normal conditions of use, the battery is not a health hazard.

Inhalation: Under normal conditions of use, the battery is not a health hazard.

Ingestion: Under normal conditions of use, the battery is not a health hazard.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name	CAS Number	% wt
CUPROUS IODIDE	7681-65-4	Proprietary
SULFUR	7704-34-9	Proprietary
CARBON	1333-86-4	Proprietary
MAGNESIUM	007439-95-4	Proprietary

SECTION 4: FIRST AID MEASURES

Eye Contact: Under normal conditions of use, first Aid is not required. If battery is activated and material contacts the eye, flush thoroughly with copious amounts of running water for 15 minutes. If easy to do, remove contact lenses and continue to flush with water.

Skin Contact: Under normal conditions of use, first Aid is not required.

Inhaled: Under normal conditions of use, first Aid is not required.

Swallowed Under normal conditions of use, first Aid is not required.

SECTION 5: FIRE FIGHTING MEASURES

Fire and Explosion Hazards: Under normal conditions of use, None.

Extinguishing Media: Use dry chemical or carbon dioxide as appropriate for the surrounding fire.

Special Fire Fighting Procedures: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing.

Hazardous Combustion Products: Product contains Magnesium which if ignited requires a Class D fire extinguishing agent or smother with sand.

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 contained within or their combustion products could be harmful.

Storage: 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

The following occupational exposure limits are provided for informational purposes. No exposure to the battery components should occur during normal consumer use.

Ventilation: No special ventilation is needed for normal use.

Respiratory Protection: None required for normal use.

Skin Protection: None required for normal use. Use butyl rubber gloves when handling leaking batteries.

Eye Protection: None required for normal use. Wear safety goggles when handling leaking batteries.

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH
	TWA	STEL	TWA	STEL	TWA	STEL	IDLH
CUPROUS IODIDE	1.0 mg/m ³		1.0 mg/m ³				
SULFUR	15 mg/m ³		10 mg/m ³				
CARBON	3.5 mg/m ³		3.5 mg/m ³				
MAGNESIUM	N/A	N/A	N/A	N/A	N/A	N/A	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Water Solubility: Insoluble

Vapor Pressure: Not applicable

Vapor Density: Not applicable

Boiling Point: Not applicable

Melting Point: Not applicable

Flash Point: Not applicable

Auto Ignition Point: Not applicable

Appearance and Odor: Ingredients of battery are in solid powdered form with dark gray color which is contained within unit. Produces rotten egg smell when activated.

SECTION 10: STABILITY AND REACTIVITY

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

Incompatibility/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

Hazardous Polymerization: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity Data: Not Applicable.

Chronic Effects: Not Applicable.

Target Organs: Not Applicable.

Carcinogenicity: Not Applicable.

SECTION 12: ECOLOGICAL INFORMATION

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

SECTION 13: DISPOSAL INFORMATION

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

United States

OSHA Status:

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

P&G Hazard Rating: Health: 0 Fire: 0 Reactivity: 0

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Data supplied is for use only in connection with occupational safety and health.

DISCLAIMER: This SDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by ACR Electronics company and its affiliates to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.