

## Safety Data Sheets (SDSs)

### Section 1 - Identification

**Product Name:** Lithium Metal Cell / Lithium and Iron Disulfide (Li-FeS<sub>2</sub>, nonrechargeable)

**Manufacturer / Distributor Name:** AA Portable Power Corp

**Address:** 825 S 19<sup>th</sup> Street, Richmond, CA 94804, **Tel:** 510-525-2328 **Fax:** 510-439-2808

**Email:** [sales@batteryspace.com](mailto:sales@batteryspace.com)

**Emergency Tel (Within USA and Canada):** CHEMTREC 1-800-424-9300

**Emergency Tel (Outside USA and Canada) for Shipment to USA:** CHEMTREC +1 703-527-3887

**Recommended Use:** General use

**Restrictions on Use:** N/A

### Section 2 – Hazard(s) Identification

**Routes of Entry:**

Inhalation – Yes; Skin – Yes; Ingestion – Yes

**Health Hazards (Acute and Chronic):**

These chemicals are contained in a sealed can. Risk of exposure occurs only if the battery is mechanically or electrically abused. The most likely risk is an acute exposure when the gas release vent works. Organic solvent has slight toxicity and can irritate skin and eyes. Lithium salt is irritating to skin, eyes and mucous membranes and should be avoided.

**Carcinogenicity:**

NTP: None IARC Monograph: None OSHA Regulated: None

**Medical Conditions Generally Aggravated by Exposure:**

An acute exposure will not generally aggravate any medical condition.

**Required Label Elements:** N/A

### Section 3 – Composition/Information on Ingredients

Ingredient	Content (percent of total weight)	CAS Index No.	Molecular formula
Iron Disulfide	34.4%	1309-36-0	FeS <sub>2</sub>
Lithium	6.2%	7439-93-2	
Organic Solvent	14.8%	N/A	
Lithium Salt	1.6%	N/A	
Polypropylene	2.3%	N/A	
Steel	32.9%	7439-89-6	Fe
Aluminum	7.8%	7429-90-5	Al

**Trade Secret Claims:** N/A

#### Section 4 – First-aid Measures

##### Eye

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

##### Skin

Remove contaminated clothes and rinse skin with plenty of water or shower for 15 minutes. Get medical aid.

##### Inhalation

Remove from exposure and move to fresh air immediately. Use oxygen if available.

##### Ingestion

Give at least 2 glasses of milk or water. Induce vomiting unless patient is unconscious. Call a physician

#### Section 5 – Fire-fighting Measures

**Extinguishing Media:** CO<sub>2</sub> or dry chemicals

**Flammable Limits:** Not available

#### Section 6 - Accidental Release Measures

The preferred response is to leave the area and allow the batteries to cool and the vapors to dissipate. Avoid skin and eye contact or inhalation of vapors. Remove spilled liquid with absorbent and incinerate.

#### Section 7 - Handling and Storage

Avoid mechanical or electrical abuse. Batteries may explode or cause burns, if disassembled, crushed or exposed to fire or high temperatures. Do not short or install with incorrect polarity.

#### Section 8 - Exposure Controls / Personal Protection

##### Respiratory Protection

In case of battery venting, provide as much ventilation as possible. Avoid confined areas with venting batteries. Respiratory Protection is not necessary under conditions of normal use.

##### Ventilation

Not necessary under conditions of normal use.

##### Protective Gloves

Not necessary under conditions of normal use.

##### Eye protection:

Not necessary under conditions of normal use.

##### Other Protective Clothing or Equipment

Not necessary under conditions of normal use.

##### Personal Protection is recommended for venting batteries

Not necessary under conditions of normal use.

**OSHA's Permissible Exposure Limits (PELs):** N/A

**Threshold Limit Values (TLVs):** N/A

### Section 9 - Physical and Chemical Properties

Please refer most updated information by searching the product part# at [www.batteryspace.com](http://www.batteryspace.com)

### Section 10 - Stability and Reactivity

**Stability:** Stable

**Conditions to Avoid:** Do not heat, disassemble or charge.

**Hazardous Decomposition or By-products:** N/A

Hazardous polymerization will not occur.

### Section 11 - Toxicological Information

**Acute toxicity:** Organic solvent

**Further toxicological information:** Lithium

**Numerical Measures of Toxicity:** No toxicity.

### Section 12 - Ecological Information

**Ecological toxicity:**

The chemicals of the battery will cause harm to the environments if it is discarded to the surroundings.

**Biodegradability:** No information available.

**Non- biodegradability:** No information available.

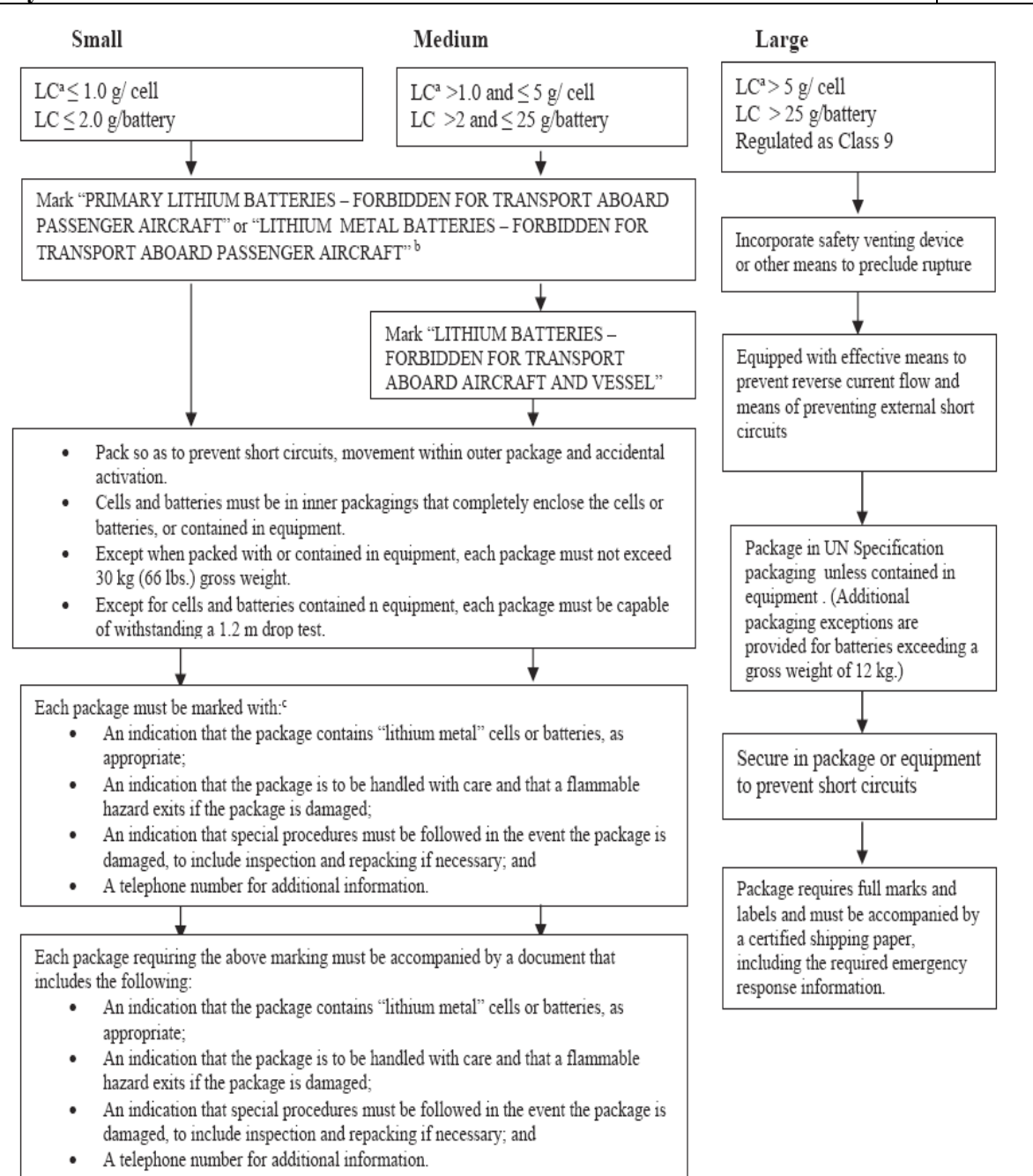
### Section 13 - Disposal Considerations

BatterySpace.com encourages battery recycling. The Li-FeS<sub>2</sub> batteries are recyclable the same way as the Rechargeable Battery. Li-FeS<sub>2</sub> batteries must be handled in accordance with all applicable state and federal laws and regulations.

DO NOT RECHARGE, disassemble, short, or subject battery cells to temperatures in excess of 212 F. Do not use in combination with fresh and used lithium batteries neither with other type of battery.

## Section 14 - Transport Information

### By Ground

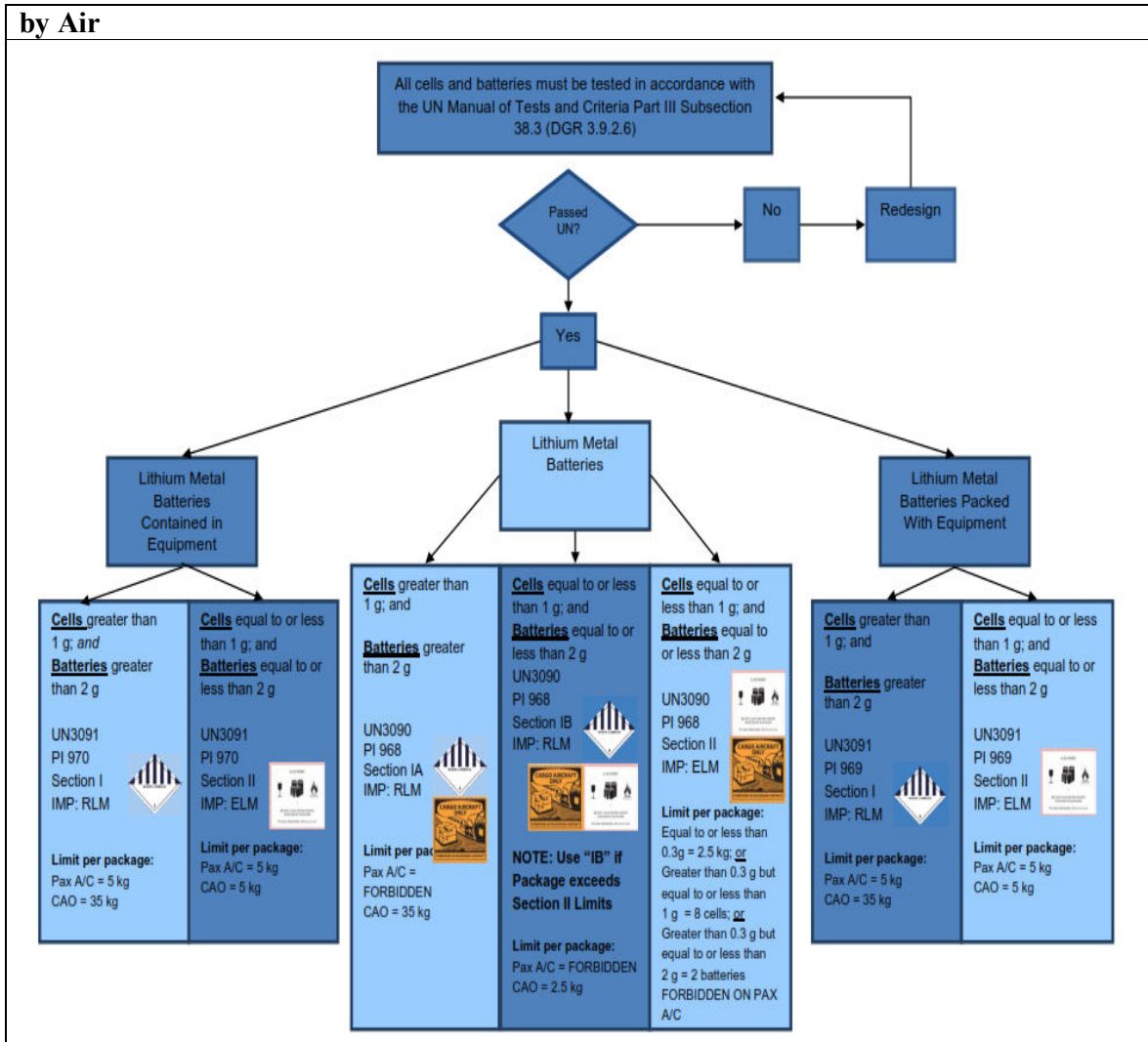


a. LC = Lithium Content

b. This marking is not required on packages that contain 5 kg (11 lbs) net weight or less of primary lithium batteries or cells that are contained in or packed with equipment.

c. Does not apply to a package containing button cells installed in equipment or no more than four cells or two batteries installed in equipment.

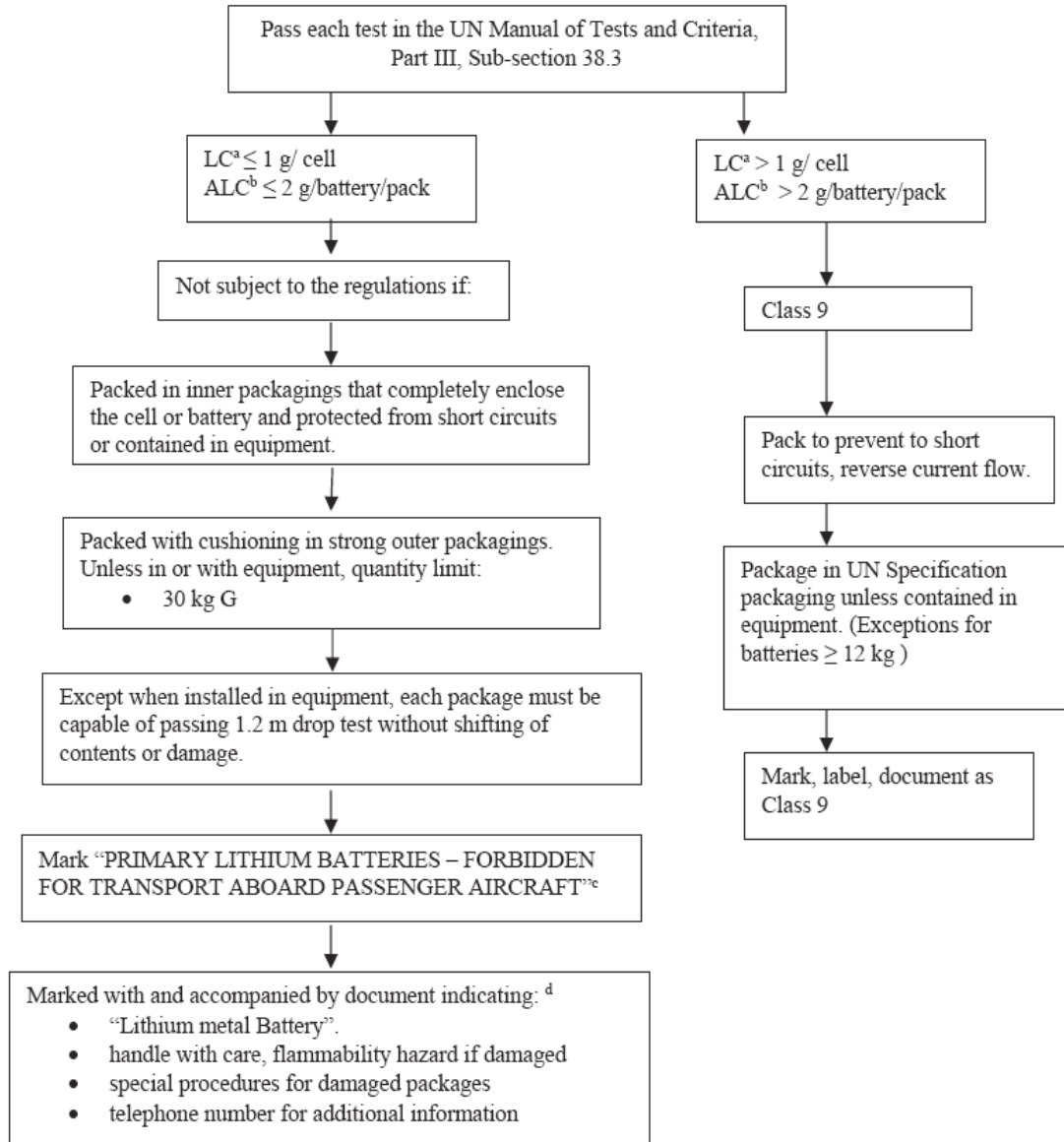
by Air



AA PORTABLE POWER CORP

**By Ocean**

**Lithium Metal Batteries (Non-rechargeable) by Ocean**



a . LC = Lithium Content

b . ALC = Aggregate Lithium Content

c. This marking is not required on packages that contain 5 kg (11 lbs) net weight or less of primary lithium batteries or cells that are contained in or packed with equipment and the package contains no more than the number of batteries required to power the piece of equipment.

d. Does not apply to a package containing button cells installed in equipment or no more than four cells or two batteries installed in equipment.

## Section 15 - Regulatory Information

### Law Information

《Dangerous Goods Regulation》

《Recommendations on the Transport of Dangerous Goods Model Regulations》

《International Maritime Dangerous Goods》

《Classification and code of dangerous goods》

IATA 2015 DGR 56<sup>th</sup> Edition

49CFR 173.185

OSHA Hazard Communication Standard Status

Toxic Substances Control Act (TSCA) Status

SARA Title III

RCRA

In accordance with all Federal, State and Local laws.

## Section 16 - Other Information

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

SDSs Creation Date: January 22, 2010

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