

# BATTERY EQUALISER- FLUID

Product: 0001

Revision Date: 2007/09/04

## Section 1 : PRODUCT AND COMPANY IDENTIFICATION

**Product name:** Battery Equaliser- Fluid

**Manufacturer:** Battery equaliser USA, LLC  
2225 Sara way  
Carlsbad,CA 92008.

**Manufacturer emergency phone number:** 888-851-4431.

## Section 2 : INGREDIENT INFORMATION

C.A.S.	CONCENTRATION %	Ingredient Name	T.L.V.	LD/50	LC/50
10124-36-4	0.1 - 1	CADMIUM SULFATE	0.002 MG(CD)/M3	280 MG/KG RAT ORAL 47 MG/KG MOUSE ORAL	NOT AVAILABLE

## Section 2A: ADDITIONAL INGREDIENT INFORMATION

**Note:** CAS# 10124-36-4: ACGIH TLV TWA 0.01 MG(Cd)/M3 Inhalable dust.

## Section 3 : HAZARD IDENTIFICATION

**Emergency overview:** Battery Equiliser is a pink, odorless liquid. It contains a toxic substance and should not be taken internally. Be sure to apply with the same care as when normally adding water to any battery.

**Route of entry:** Skin contact, eye contact and ingestion.

### Effects of acute exposure

**Eye contact:** May cause redness and pain.  
May cause severe irritation.

**Skin contact:** May cause dryness.  
May cause mild irritation.

**Inhalation:** No adverse effects expected.

**Ingestion:** May cause vomiting.  
May be toxic.

**Effects of chronic exposure:** May lead to coma and death.

**Sensitization to product:** Not available.

**Carcinogenic effects:** Cadmium is a carcinogen.  
Certain cobalt compounds are listed by IARC as carcinogens.

**Reproductive effects:** Not available.

**Teratogenicity:** Not available.

**Mutagenicity:** Not available.

**Synergistic materials:** Not available.

#### Section 4 : FIRST AID MEASURES

**Skin contact:** Remove contaminated clothing.  
Wash thoroughly with soap and water.  
Seek medical attention if irritation persists.

**Eye contact:** Flush with plenty of water.  
Seek medical attention if irritation persists.

**Inhalation:** No first aid should be needed.  
If irritation occurs, consult a physician.

**Ingestion:** Do not induce vomiting, seek medical attention.  
Never give anything by mouth to an unconscious person.  
Have victim drink ipecac syrup and approximately 300 ml of water.

**Additional information:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any inaccuracies.

#### Section 5 : FIRE FIGHTING MEASURES

**Flammability:** Not flammable.

**Conditions of flammability:** Surrounding fire.

**Extinguishing media:** Suitable for surrounding fire.

**Special procedures:** Self-contained breathing apparatus required.  
Firefighters should wear the usual protective gear.

**Auto-ignition temperature:** Not applicable.

**Flash point (°C), method:** Not applicable.

**Lower flammability limit (% vol):** Not applicable.

**Upper flammability limit (% vol):** Not applicable.

#### Explosion Data

**Sensitivity to static discharge:** Not applicable.

**Sensitivity to mechanical impact:** Not applicable.

**Hazardous combustion products:** None known.

**Rate of burning:** Not applicable.

**Explosive power:** Not applicable.

#### Section 6 : ACCIDENTAL RELEASE MEASURES

**Leak/Spill:** Wear appropriate protective equipment.  
Place in an approved container and seal.  
Mop up or soak up with absorbent material.

## Section 7 : HANDLING AND STORAGE

**Handling procedures and equipment:** Use adequate ventilation.  
Handle with care.  
Wash clothing before re-use.  
Wash thoroughly after handling.  
Wear personal material safety protection.  
Avoid contact with skin, eyes and clothing.  
Do not ingest.

**Storage requirements:** Store in a clean, dry place.  
Avoid direct sunlight during prolonged storage.

## Section 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

### Precautionary Measures

**Gloves/Type:**



Rubber gloves.

**Respiratory/Type:** None required under normal use.

**Eye/Type:**



Chemical safety goggles.

**Footwear/Type:** Safety shoes per local regulations.

**Clothing/Type:** Normal work clothes.

**Other/Type:** Eye wash facility should be in close proximity.  
Emergency shower should be in close proximity.

**Ventilation requirements:** Adequate general ventilation.

**Exposure limit of material:** Not available for mixture, see the ingredients section.

## Section 9 : PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Liquid.

**Appearance & odor:** Odourless.  
Pink

**Odor threshold (ppm):** Not available.

**Vapour pressure (mmHg):** Not available.

**Vapour density (air=1):** Not available.

### Volatiles (%)

**By volume:** Not available.

**Evaporation rate (butyl acetate = 1):** Not available.

**Boiling point (°C):** 115°C

**Freezing point (°C):** Not available.

**pH:** 9.22

**Specific gravity @ 20 °C:** Not available.

**Solubility in water (%):** Very soluble.

**Coefficient of water\oil dist.:** Not available.

**VOC:** Nil

#### Section 10 : STABILITY AND REACTIVITY

**Chemical stability:** Stable under normal conditions.

**Conditions of instability:** Heat and open flames.

**Hazardous polymerization:** Not expected to occur.

**Incompatible substances:** None known.

**Hazardous decomposition products:** None known.

#### Section 11 : TOXICOLOGICAL INFORMATION

**LD50 of product, species & route:** Not available for mixture, see the ingredients section.

**LC50 of product, species & route:** Not available for mixture, see the ingredients section.

#### Section 12 : ECOLOGICAL INFORMATION

**Environmental toxicity:** No data at this time.

#### Section 13 : DISPOSAL CONSIDERATIONS

**Waste disposal:** In accordance with municipal, provincial and federal regulations.

#### Section 14 : TRANSPORT INFORMATION

**TDG classification:** Not regulated.

**Special shipping information:** See transportation information.

#### Section 15 : REGULATORY INFORMATION

**WHMIS classification:**

D2A



**DSL status:** The substance(s) listed in section 2 appear on the Domestic Substances List.

**TSCA inventory:** All components of this product are listed on the TSCA inventory.

**SARA Section 313:** Copper sulfate < 1%.

**CERCLA reportable quantity:** Aluminum sulfate – 5000 lbs.  
Cupric sulfate (7758-98-7) – 10 lbs.

**Section 16 : OTHER INFORMATION**

**Supplier MSDS date:** 2007/09/04.

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