

Material Safety Data Sheet

May be used to comply with OSHA's Hazard
Communication Standard, 29 CFR 1910, 1200.
Standard must be consulted for specific requirements

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IDENTITY		Sealed Cylindrical Nickel Metal Hytride Battery	
Section I			
Manufacturer's Name A-A Portable Power Corp.		Emergency Telephone Number 1-800-448-4428 (Daytime) (510)215-8722 (Evening)	
Address 860 S 19TH STREET, Unit A Richmond, CA94804		Telephone Number for Information Same	
Section II		Hazardous Ingredients / Identity Information	
Hazardous Components (Specific Chemical Identity , Common Names) Nickel & Nickel Hydroxide (20-30% as Nickel) Ni Metal alloy (20-30% as rare earth metal) Cobalt & Cobalt Hydroxide (1-5 % as Co) Potassium Hydroxide (2-4% as dry Potassium Hydroxide) Note:		OSHA PEL ACO/M TLV Other Limits 1.0 mg / M ³ 1.0 mg / M ³ 0.2 mg / M ³ 0.05 mg / M ³ 0.1 mg / M ³ 0.2 mg / M ³ 0.05 mg / M ³ ceiling <i>Each Cell is a sealed container enclosing a nickel electrode, a Hytride electrode and a potassium hydroxide electrolyte</i>	
Section III		Physical / Chemical Characteristics	
Boiling Point:	N/A	Specific Gravity :	N/A
Vapor Pressure	N/A	Melting Point:	N/A
Vapor Density:	N/A	Evaporation Rate:	N/A
Solubility in Water:	N/A	Appearance:	N/A
Section IV		Fire and Explosion Hazard Data	
Flash Point:	N/A	Exiting / Labeling Model:	N/A
Flammable Limiting:	N/A	Special Fire Fighting procedure:	N/A
Unusual Fire and Explosion Hazards:		Cadmium fumes may be released during burning.	
Section V		Reactivity Data	
Stability: Stable Yes Unstable	Incompatibility: N/A		
Hazardous Decomposition or Byproducts:		Do not incineration or mutilate: may burst or release toxin materials	
Hazardous Polymerization:		Will not occur	
Section VI		Health Hazard Data	
Route(s) of Entry:	Inhalation? No Skin? Yes Ingestion No		
Health Hazards (Acute and Chronic):	Electrolyte is caustic. Contact with skin or eyes may cause irritation.		
Carcinogenicity:	NTP? No ARC Monographs? No OSHA Regulated? No		
Signs and Symptoms of Exposure:	N/A		
Medical Conditions Generally Aggravated by Exposure:	N/A		
Emergency and First Aid Procedures:	Eye or Skin: flush with plenty of running water for at least 15 minutes and contact a physician.		
Section VII		Precautions for Safe Handling and Use	
Steps to be taken in case materials is released or Spilled: Flush electrolyte spills with water.			
Waste Disposal Method:		In accordance with local, state and federal regulations	
Precautions to be taken in Handling and Storing:		Do not short circuit;. Do not put it near fire, may cause burn or explode	
Other Precautions:		Standard charging current is 0.1C for 15 hrs under constand DC current The battery must use a effective regulators, such as timer chip to cut off power during charging to avoid overcharging.	
Section VIII		Control Measure	
Respiratory Protection: N/A			
Ventilation: Local Exhaust	Protective gloves: N/A Eye Protection: N/A		
N/A Mechanical (general N/A)	Other Protective Clothing or Equipment: N/A		
	Work / Hygienic Practices:	N/A	