

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.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (as Used on Label and List)
7.4V/2000mAh Lithium Ion Battery

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's name YOKU ENERGY (ZHANGZHOU) Co., LTD.	Emergency Telephone Number (86)-596-6031068
Address (Number, Street, City, State and ZIP Code) Yoku Industrial Zone, Nanjing Zhangzhou, Fujian, China	Telephone Number for Information (86)-596-6031068
	Date Prepared Nov-15-2011
	Signature of Preparer (optional) Lisa

Section II—Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Dscription	Approximate% of total weight			

The battery is not dangerous to human or environment. Cadmium, Lead, and mercury or other dangerous chemicals are not included in the battery.

Section III—Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	N/A
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water	N/A		
Appearance and Odor:	Cylinder and odorless		

Section IV—Fire and Explosion Hazard Data

Flash Point (Method Used)	N/A	Flammable Limits	N/A	LEL	N/A	UEL	N/A
Extinguishing Media	N/A						
Special Fire Fighting Procedures	N/A						
Unusual Fire and Explosion Hazards	N/A						

Do not dispose of battery in fire- may cause explosion, do not short-circuit battery may cause burns.

(Reproduce locally)

OSHA 174 Sept.

Section V—Reactivity Data			
Stability	Unstable		Conditions to Avoid
	Stable	√	
Incompatibility (<i>Materials to Avoid</i>)			
Hazardous Decomposition or Byproducts: When heated, battery may emit hazardous vapour of KOH/NaOH and Hg.			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	√	
Section VI—Health Hazard Data			
Route(s) of Entry	N/A	Inhalation?	N/A
		Skin?	N/A
		Ingestion?	N/A
Health Hazards (<i>Acute and Chronic</i>)			
In case of electrolyte leakage, skin will be itchy when contaminated with electrolyte. In contact with electrolyte can cause server irritation and chemical burns. Inhalation of electroclyte vapors may cause irritation of the upper respiratory tract and lungs.			
Carcinogenicity	NTP?	IARC Monographs?	OSHA Regulated?
N/A			
Signs and Symptoms of Exposure			
N/A			
Medical Conditions Generally Aggravated by Exposure			
N/A			
Emergency and First Aid Procedures			
If electrolyte leakage occurs and makes contact with skin, wash with plenty of water immediately. If electrolyte comes into contact with eyes, wash with copious amounts of water for fifteen minutes, and contact a physician. If electrolyte vapors are inhaled, provide fresh air and seek medical attention if respiratory irritation develops. Ventilate the contaminated area.			
Section VII—Precautions for Safe Handling and Use			
Steps to Be Taken in Case Material Is Released or Spilled			
Batteries that are leakage should be handled with rubber gloves. Avoid direct contact with electrolyte. Wear protective clothing and a positive pressure Self-Contained Breathing Apparatus (SCBA).			
Waste Disposal Method			
Dispose of the batteries according to the government regulations.			
Precautions to Be Taken in Handling and Storing			
The battery is extremely sensitive to adverse effects of humidity. Be sure to store them in a place that is dry and subject to little temperature change. Do not place near the boiler or radiator, nor expose to direct sun light. Do not dispose of the battery in fire. Do not charge the battery. Do not short-circuit the battery. Do not put in backward position. Do not store in disorderly fashion, or allow metal objects to be mixed with stored batteries. Do not disassemble the battery, handing in such manner can cause the battery to explode, leak and injury.			
Other Precautions			
Special requirement be according to the local regulatory.			
Section VII—Control Measures			
Respiratory Protection (<i>Specify Type</i>) N/A			
Ventilation	Local Exhaust		Special
	Mechanical (<i>General</i>)		Other
N/A			
Protective Gloves	N/A	Eye Protection	N/A
Other Protective Clothing or Equipment N/A			
Work/Hygienic Practices			

