BST RechargeableBattery

Material Safety Data Sheet Document No.: MSDS2582

IDENTITY (As Used on Label and List)	Note: Blank spaces are not permitted if any item is not applicable or no		
NICKEL METAL HYDRIDE RECHARGEABLE BATTERY	information is available, the space must be marked to indicate that.		
Section I – Information of Manufacturer			
Manufacturer's Name	Emergency Telephone Number		
BST POWER (SHENZHEN) LIMITED			
Address (Number, Street, City State, and ZIP Code)	Telephone Number for information		
	86-755-84260303		
No.9, Longxing Road, Xintang New Industrial Zone, Dakang	Date Prepared		
518115	8-Feb-12		
	Signature of Preparer (optional)		

Section II – Hazardous Ingredients / Identity Information Hazardous Components:				
Nickel Hydride	36%			
КОН	2%			
Electrolyte	2%			
Ni(OH)2	24%			
Other	36%			

Section III – Physical / Chemical Characteristics			
Boiling Point	Specific Gravity (H ₂ O=1)		
N.A.	N.A.		
Vapor Pressure (mm Hg)	Melting Point		
N.A.	N.A.		
Vapor Density (AIR=1)	Evaporation Rate (Buty1 Acetate)		
N.A.	N.A.		
Solubility in Water			
	N.A.		
Appearance and Odor			
Cylindrical Shape, odorless			
Section IV – Hazard Classification			
Classification			
	N.A.		

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Material Safety Data Sheet Document No.: MSDS2582

Section V – Reactivity Data						
Stabil	ity	Unstable			Conditions to Avoid	
		Stable		Х		
Incom	npatibility	(Material to Av	roid)			
Hazar	dous Dec	omposition or B	yproducts			
Hazar	dous	May Occur			Conditions to Avoid	
Polyn	nerization					
		Will Not Occur	r	Х		
Secti	ion VI –	- Health Haza	ard Date			
Route	e(s) of Ent	ry	Inhalation?		Skin?	Ingestion?
				N.A.	N.A.	N.A.
		(Acute and Chro	-			
Ø		-	0	be itchy when contamina		
Ø		2		vere irritation and chemic		
Ø	Inhalati	on of electrolyte	vapors may cau	ise irritation of the upper	respiratory tract and lun	gs
~			-			
-		– First Aid M	leasures			
	Aid Proce			·····		
Ø				contact with skin, wash		en minutes, and contact a physician.
Ø		-	-			· ·
Ø conta	minated a	• •	innaled, provid	le fresh air and seek medi	cal attention if respirato	ry irritation develops. Ventilate the
Secti	ion VII	I – Fire and F	Explosion Ha	zard Data		
Flash	Point (M	ethod Used)	Ignition Temp.		Flammable Limited	LEL
	N	.A.		N.A.	N.A.	N.A.
Extin	guishing l			N.A.	N.A.	N.A.
LAUI	guisining i	vicula	Carb	on Dioxide, Dry Chemica	l or Foam extinguishers	
Specia	al Fire Fi	ghting Procedure		on Dronice, Dry Chernica	i of i our entringuistiers	
		6 6		N.A.		
Unusi	ual Fire a	nd Explosion Ha	zards			
		of battery in fire				
Do not short-circuit battery - may cause burns.						
-						
Secti	ion IX –	- Accidental H	Release or Sp	oillage		
Steps to be taken in case material is released or spilled						
Ø	Batteries that are leakage should be handled with rubber gloves.					
Ø	Avoid direct contact with electrolyte.					
Ø	Wear protective clothing and a positive pressure Self-Contained Breathing Apparatus (SCBA).					

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Section 3	X – Handling and Storage				
	ing and storage advice				
	not store in disorderly fashion, or allow metal objects to be				
	ver disassemble a battery.				
	not breathe cell vapors or touch internal materials with bar	re hands.			
	ep batteries between -30° C and 35° C for prolong storage.				
b Re	ep batteries between -50 C and 55 C for protong storage.				
Section 2	XI – Exposure Controls / Person Protection				
	y Protection (Specify Type)				
	N.2	A.			
Ventilation	n Local Exhausts	Special			
	N.A.	N.A.			
	Mechanical (General)	Other			
	N.A.	N.A.			
Protective	Gloves	Eye Protection			
	N.A.	N.A.			
Other Prot	ective Clothing or Equipment				
	N.A	Α.			
Work / Hy	gienic Practices				
	N.A	Α.			
Section 2	XII – Ecological Information				
	N.A	A.			
Section 2	XIII – Disposal Method				
	batteries according to government regulations.				
Section 2	XIV Transportation Information				
		ulated for purposes of transportation by the U.S. Department of			
Transporta	tion (DOT), International Civil Aviation Adminitration (IC	AO), International Air Transport Association (IATA) and			
Maritime I	Dangerous Goods Regulations (IMDG). The only DOT requ	irement for shipping these batteries is special provision 130 which			
states:"Bat	teries, dry are not subject to the requirements of this subch	apter only when they are offered for transportation in a manner that			
prevents th	ne dangerous evolution of heat (For example, by the effectiv	e insulation of exposed terminals). IATA is Special Provision A123			

prevent a short-circuit(e.g. in the case of batteries,by the effective insulation of exposed terminals) is forbidden from transportation". As of 1/1/97 IATA requires that batteries being transported by air must be protected from short-circuiting and protected from movement

that could lead to short-sirtcuiting with special provision 304 of IMDG. Must comply with packing instruction of IATA DGR 52rd

i.e. "An electrical battery or battery powerd device having the potential of dangerous evolutions of heat that is not prepared so as to

Section XV – Regulatory Information

Special requirement be according to the local regulatory.

Section XVI – Other Information

The data in this Material Safety Data Sheet relates only to the specific material designated herein.

Section XVII – Measures for fire extinction

In case of fire, it is permissible to use any class of extinguishing medium on these batteries or their packing material. Cool exterior of batteries if exposed to fire to prevent rupture.

Fire fighters should wear self-contained breathing apparatus.