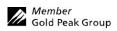


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IDENTITY (As Used on Label and Lis	Note: Blank spaces are not permitted if any item is not applicable or no information is available, the space must be marked to indicate that.				
Section I – Information	of Manufacturer				
Manufacturer's Name GPI International Ltd.	Emergency Telephone Number				
Address (Number, Street, City State, ar Code)	Telephone Number for information 852-2484-3333				
8/F GP Building, 30 Kwai Wing Road,					
Kwai Chung, N.T. H.K.	Date of prepared and revision July 11, 2007				
	Signature of Preparer (optional)				
Section II - Hazardous I	ngredients / Identity Information				
Hazardous Components:					
Description:	Approximate % of total weight				
Ni(OH)2 Nickel Hydroxide	25 Wt%				
30-35% NaOH and KOH mixture	7.5 Wt%				
Mercury	<5 PPM				
Lead	Nil				
Cadmium	Nil				
Section III - Physical / Che	emical Characteristics				
Boiling Point	Specific Gravity (H ₂ O=1)				
N.A. Vapor Pressure (mm Hg)	N.A. Melting Point				
N.A.	N.A.				
Vapor Density (AIR=1) N.A.	Evaporation Rate (Butyl Acetate) N.A.				
Solubility in Water N.A.					
Appearance and Odor					
	Prismatic Shape, odorless				
Section IV – Hazard Cla	pecification				
Classification	ISSITICATION				
Ciassification					
N.A.					





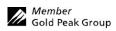
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	D = = = 41: -14	Data				
	– Reactivit	y Data	[a 122 . A 11			
Stability	Unstable		Conditions to Avoid			
	Stable					
		X				
Incompatibility	(Materials to Avoi	d)				
Hazardous Deco	omposition or Bypi	oducts				
Hazardous	May Occur	1	Conditions to Avoid			
Polymerization	Way Occur		Conditions to 71void			
	Will Not Occur	X				
Section V	T - Health H	azard Data	l			
Route(s) of		Inhalation?	Skir	1?	Ingestion?	
Entry			N.A.		N.A.	N.A.
Health Hazar	rd (Acute and C	Chronic) / Toxi	clogical informatio	n		
In case	of electrolyte leak	age, skin will be it	chy when contaminated	with electrolyte.		
In conta	act with electrolyte	can cause severe	irritation and chemical b	urns.		
Inhalati	ion of electrolyte v	apors may cause in	ritation of the upper res	oiratory tract and	l lungs.	
Section V	II – First Aid	d Measures	3			
First Aid Pro	ocedures					
If alact	rolyta lankaga occu	ure and makes cont	act with skin, wash with	planty of water	immediately	
					Fifteen (15) minutes, and con	to at a mbyoriaian
II electi	rolyte vapors are ir	inaled, provide fre	sn air and seek medical	ittention ii respii	ratory irritation develops. Ve	entilate the contaminated area.
	III - Fire and	d Explosior	Hazard Data			
Section V	iii i iic aii	- · · · -		imite	LEL	
Flash Point (Me	ethod Used)	Ignition Temp.				UEL
Flash Point (Me	ethod Used) V.A.	Ignition Temp. N.A.		N.A.	N.A.	N.A.
Flash Point (Me N Extinguishing M	ethod Used) N.A. Media	Ignition Temp. N.A.	1			
Flash Point (Me N Extinguishing N Carbon	ethod Used) J.A. Media I Dioxide, Dry Che	Ignition Temp. N.A.	1			
Flash Point (Me N Extinguishing N Carbon Special Fire Fig	ethod Used) N.A. Media	Ignition Temp. N.A.	1			
Flash Point (Me N Extinguishing M Carbon Special Fire Fig N.A.	ethod Used) J.A. Media Dioxide, Dry Che hting Procedures	Ignition Temp. N.A. mical or Foam ext	1			
Flash Point (Me N Extinguishing N Carbon Special Fire Fig N.A. Unusual Fire an	thod Used) N.A. Media Dioxide, Dry Che hting Procedures d Explosion Hazar	Ignition Temp. N.A. mical or Foam ext	inguishers			
Flash Point (Me N Extinguishing M Carbon Special Fire Fig N.A. Unusual Fire an Do not	ethod Used) J.A. Media Dioxide, Dry Che hting Procedures	Ignition Temp. N.A. mical or Foam ext ds in fire - may explo	inguishers ode.			

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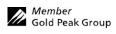
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Section IX	C – Accidental Release or Sp	illage			
Steps to Be T	Saken in Case Material is Released or	Spilled			
Batter	ries that are leakage should be handled with rul	bber gloves.			
Avoid	l direct contact with electrolyte.				
Wear	protective clothing and a positive pressure Sel	f-Contained Breathing Apparatus (SCB	A).		
Section X	- Handling and Storage				
Safe handling	g and storage advice				
Batt	teries should be handled and stored carefully to	avoid short circuits.			
Do	not store in disorderly fashion, or allow metal	bjects to be mixed with stored batterie	S.		
Nev	er disassemble a battery.				
Do 1	not breathe cell vapors or touch internal materi	al with bare hands.			
Kee	p batteries between -30°C and 35°C for prolor	g storage.			
Section X	I – Exposure Controls / Pers	on Protection			
Occupational Ex	posure Limits: LTEP	STEP			
	N.A.	N.A.			
Respiratory Prot	ection (Specify Type)				
-	N.A.				
Ventilation	Local Exhausts	Special			
	N.A.	N.A.			
	Mechanical (General)	Other			
- C1	N.A.	N.A.			
Protective Gloves N.A.		Eye Protection N.A.			
Other Protective	Clothing or Equipment	IV.A.			
Other Protective	N.A.				
Work / Hygienic					
N.A.					
Section X	II – Ecological Information				
	N.A.				
Section X	III – Disposal Method				
Dispose o	of batteries according to government regulation	S.			

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Section XIV – Transportation Information

GP batteries are considered to be "Dry cell" batteries and are unregulated for purposes of transportation by the U.S. Department of Transportation (DOT), International Civil Aviation Administration (ICAO), International Air Transport Association (IATA) and International Maritime Dangerous Goods Regulations (IMDG). The only DOT requirement for shipping these batteries is special provision 130 which states: "Batteries, dry are not subject to the requirements of this subchapter only when they are offered for transportation in a manner that prevents the dangerous evolution of heat (For example, by the effective insulation of exposed terminals). 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-circuiting.

Section XV – Regulatory Information

Special requirement be according to the local regulatories.

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.