

材料安全数据表 Material Safety Data Sheet

报告编号:	BCTC2412526089B
Report No:	
委托单位:	闪极科技(深圳)有限公司
Applicant	Sharge Technology (Shenzhen) Co., Ltd.
产品名称:	碳纤维磁吸移动电源
Product Name:	CarbonMag Power Bank
产品型号:	C3
Test Model:	
签发日期:	2024-12-30
Issued Date:	(生效日期 Effective Date:2025-01-01)
编 制:	<pre><</pre>
Prepared By:	suli
批 准:	
Approved By:	Andre In



深圳市倍测检测有限公司 Shenzhen BCTC Testing Co., Ltd.

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版本/Edition: A.5



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这份材料安全数据表是根据客户提供的信息编辑,其内容和格式按客户要求来修订。 * The MSDS is prepared based on the information provided by client. The contents and formats of this MSDS are revised as per client's request.

revised as per client's req			
Sec.		公学品及企业标识 ct and Company Identifi	action
	碳纤维磁吸移动电源	ct and Company Identifi	cation
Product Name	一般的 A CarbonMag Power Bank		
Model/Type Reference	C3		
商标	1		
Trademark	1		
额定参数 Ratings	5000mAh, 19.25Wh		
重量	大约: 110.9g		
Weight	About: 110.9g		
制造商	闪极科技(深圳)有限公司		
Manufacturer	Sharge Technology (Shenzh		
制造商地址		社区恒丰小区3号楼新中泰工业日	
Address		gtai IndustriaPark,Building 3, H nuaSub-District, Longhua Distric	
	Tousong Community, Longh	iuaoub-District, Longriua Distric	
应感电话 Emergency Telephone	17702636010		
	第二部会	分−成分信息	
	Section 2- Comp	oosition Information	
化学成分	CAS号	含量(%)	商业机密
	CAS No.	Weight (%)	Trade Secret
钴酸锂 Cobalt lithium dioxide	12190-79-3	45.2851%	*
聚偏氟乙烯树脂			
Poly(vinylidene fluoride)	24937-79-9	0.5747%	*
名I	7429-90-5	5.3862%	*
石墨	7700 40 5	00.00400/	*
Graphite	7782-42-5	23.8046%	$\Delta \Delta \Delta A = 1/7/7$
羧甲基纤维素		and the second	(XXXXIII///)
Carboxymethyl cellulose	9004-32-4	0.4287%	NNNN † 1777
sodium salt Z 经其类与1.2 丁二烃的		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	<u></u>
乙烯基苯与 1 ,3-丁二烯的 聚合物		The second s	$\infty \times 1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1$
來口切 1,3 Butadiene/styrene	9003-55-8	1.1379%	
copolymers		and a second	\$\$\$\$\$\$\$\$
铜	7440 50 0	7 40000	*
Cu	7440-50-8	7.1839%	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
聚乙烯	0000.00.4	1 40 420/	*
Polyethylene	9002-88-4	1.4943%	
六氟磷酸锂			
Lithium	21324-40-3	14.7046%	*
hexafluorophosphate(1-)			

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碳酸二乙酯 Diethyl carbonate	105-58-8		*
碳酸甲乙酯 Ethyl Methyl Carbonate	623-53-0	_	*
碳酸亚乙烯酯 Vinylene carbonate	872-36-6	_	*
尼龙 Nylon	24937-16-4	_	*
聚丙烯 Polypropylene homopolymer (1-propylene)	9003-07-0	_	*
" * " The exact ()的构成已经作为商业机密。 composition has been withheld	d as a trade secret
		•	
		一危险性概述 ards Identification	
紧急情况概述	不适用		
Emergency overview:	N/A		
GHS分类	不属于GHS危险物品		
Classification according GHS	to Not a dangerous subst	ance according to GHS	
标签元素			
Label elements:			
危险标签图	不适用		
Hazard pictogram(s)	No available		
提示语	不适用		
Signal word	No available		
危险声明	不适用		
Hazard statement(s)	No available		
预防声明			
Precautionary statement	t(s):		1
预防	不适用		
Prevention	No available		
反应	不适用	N N N	
Response	No available		
处理	不适用		\times
Disposal	No available		
环境危害	无相关信息		NNNN H <i>H / / /</i>
Environmental hazards:	No relevant information		\sim
重要症状	见第11部分更多信息	Second Street Street Street Street	NNNN H <i>H 1777</i>
Important symptoms:	See section 11 for mor		<u>XXXXXXXIII/////</u>
	第四部会	分─急救措施	
	Section 4- Fi	rst Aid Measures	
		的清水冲洗至少15分钟,翻起_	上下眼脸,直到化学的残留物
眼睛接触	消失为止,迅速就医。		
Eye contact		of water for least 15 minutes, of	occasionally lifting the upper
	and lower eyelids. Get		
中田按 赫		冲洗至少15分钟,同时除去污药	杂的衣物和鞋子,迅速就医。
│皮肤接触 │Skin contact		clothes and rinse skin with ple	nty of water or shower for 15
SKIII CUIILACE	minutes. Get medical a		

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	Section 7- Handling and Storage
	第七部分-操作处置和储存
环境预防措施 Environment precautions 抑制和清理材料的方法 Methods and material for containment and cleaning up	 不允许产品到达排水系统或任何水源。 如果渗透进排水系统或任何水源,通知相应的部门。 不允许进入下水道/表面或地下水。 Do not allow product to reach sewage system or any water source. Inform respective authorities in case of seepage into water course or sewage system.Do not allow to enter sewers/ surface or ground water. 如果电池外壳被拆除,少量电解液可能会泄漏。收集所有材料放进一个塑料容器。根据当地的法律法规来处置,避免可溶物质进入大地、下水道或水源。 If battery casing is dismantled, small amounts of electrolyte may leak. Collect all released material in a plastic lined container. Dispose off according to the local law and rules, Avoid leached substances to get into the earth, canalization or waters.
个人预防措施、保护设备和应 急程序 Personal precautions, protective equipment and emergency procedures	Section 6- Accidental Release Measures 如果电池被泄露,让人员离开该区域直到烟雾消散。提供最大限度的通风,清除有害 气体。首选的反应就是离开这个地区并消散气体,避免皮肤和眼睛接触或吸入气体。 用吸收剂清除溢出的液体然后焚烧。如果电池泄漏发生时,液体可以用砂、泥土或其 他惰性物质来吸收,污染区域应该保持通风。 If the battery is released, remove personnel from area until fumes dissipate. Provide maximum ventilation to clear out hazardous gases. The preferred response is to leave the area and allow the vapors to dissipate, Avoid skin and eyes contact or inhalation of vapors. Remove spilled liquid with absorbent and incinerated. If leakage of the battery happens, liquid could be absorbed by using sand, earth or other inert substance and contaminated area should be ventilated meantime.
Products	第六部分-泄露应急处理
燃烧产生的危险物品 Hazardous Combustion	一氧化碳,二氧化碳,锂氧化物烟气 Carbon monoxide, carbon dioxide, lithium oxide fumes.
异常火灾或爆炸 Unusual Fire and Explosion Hazards	当电芯暴露于过热的环境中时,安全阀可能会打开 Cell may vent when subjected to excessive heat-exposing battery contents
特殊灭火程序 Special Fire-Fighting Procedures	自给式呼吸器 Self-contained breathing apparatus
灭火介质 Extinguishing Media	水,二氧化碳 H ₂ O,CO ₂
自燃温度 Auto-Ignition Temperature	不适用 N/A
燃点 Flash Point	不适用 N/A
	第五部分─消防措施 Section 5- Fire Fighting Measures
摄入 Ingestion	饮用两杯牛奶或水,如果当事人仍然清晰可以采取催吐的方法,并且立即就医。 Give at least 2 glasses of milk or water. Induce vomiting unless patient is unconscious. Call a physician.
吸入 Inhalation	立即从暴露处移至空气清新处,如果呼吸困难给予输氧,立即就医。 Remove from exposure and move to fresh air immediately. Use oxygen if available.

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業年長空 第二年在地和国体、过苏、强制放电或扮入大中、 禁止が正式機制空电池、或将电油浸入溶液中。 #andling The battery should not be opened, destroyed or incinerate, since they may leak or rupture and release to the environment the ingredients that they contain in the hermetically sealed container. Do not short circuit terminals, or over charge the battery, forced over-discharge, throw to free. Do not crush or puncture the battery, or immerse in liquids. #1:Mugarkarge throw the battery, or immerse in liquids. #1:Mugarkarge throw the battery, or cred over-discharge, throw to free. Do not crush or puncture the battery, or immerse in liquids. #1:Mugarkarge throw the battery, or immerse in liquids. #1:Mugarkarge throw the battery, or any any complexity in cool, dry and ventilated area, which is subject to little temperature change. Storage at high temperatures should be avoided. Do not place the battery near heating equipment, nor expose to direct sungity to fong periods. #4. Wark Statery may explode or cause burns, if disassembled, crushed or exposed to line or high temperatures. Do not short or install with incorrect polarity. #3. Mich 2. Batkery may explode or cause burns, if disassembled, crushed or exposed to line or high temperatures. Do not short or install with incorrect polarity. #3. Mark Jake Lag and Augar Cight #AtaMMArk & Br #4. Batk Tubes Augar Cight #AtaMMArk & Br #4. Highes #1. Tube battery may explode or cause burns, if disassembled, crushed or exposed to line or high temperatures. Do not short or install with incorrect polarity. #3. Ata Jake Auga Augar Cight #AtaMMArk & Br <th></th> <th>Г</th>		Г
Handling The battery should not be opened, destroyed or incinerate, since they may leak or rupture and release to the environment the ingredients that they contain in the hermetically sealed container.Do not short circuit terminals, or over charge the battery, forced over-discharge, throw to fire. Do not crush or puncture the battery, or immerse in liquids. #it/mugatuainity, interacting the the term present in liquids. Wath Storage #it/mugatuainity, interacting the the term present in liquids. Wath Storage #it/mugatuainity, interacting the term present of thet		
储存 禁止物理或电滥用、禁止高温储存,最好将电池储存在阴凉、干燥、週以及温度变化 较小的环境中、禁止将电池技输加减设备,或将电池低存在阴凉、工餐、週代及温度变化 较小的环境中、禁止将电池技输加减设备,或将电池低存在阴凉、工餐、如果的工程。 area,which is subject to little temperature change. Storage at high temperatures should be avoided. Do not place the battery near heating equipment, nor expose to direct sunlight for long periods. 其他要注意的防惹措施 Other Precautions 折照、挤压、直接放入火中或高温条件下,电池可能发生爆炸和燃烧。 禁止短接或港电池正负极指误的交装在设备中。 The battery may explode or cause burns, if disassembled, crushed or exposed to fire or high temperatures. Do not short or install with incorrect polarity. 多ection 3- Exposure Controls/Personal Protection 设计免部押气通风或其它设计来控制粉尘、雾、烟雾和气体。 设计总部排气通风或其它设计来控制粉尘、雾、烟雾和气体。 Use local exhaust ventilation or other engineering controls to control sources of dust, mis, furmes and vapor. Keep away from heat and open flame. Store in a cool, dry place. 呼吸防疗:在正常情况下不需要,如果处理一个裂开的或泄漏的电池需要载适当手套. 更相保护: 如果处理一个裂开的或泄漏的电池需要载上安全 眼镜。. Personal Protective Equipment Exert are flaCir 不需要, 如果处理一个裂开的或泄漏的电池需要载上安全 眼镜心. Respiratory Protection: Not necessary under normal conditions. Skin and body Protection: Not necessary under normal conditions. Skin and body Protection: Not necessary under normal conditions. Skin and body Protection: Not necessary under normal conditions. Wear safety shower and gloves if handling an open or leaking battery. Eye Protection: Not necessary under normal conditions. Skin and body Protection: Not necessary under normal conditions. Skin and body Protection: Not necessary under normal conditions. Skin and body Protection: Not necessary under normal saditang an pen or leaking battery. Eye Protection: Not nec		rupture and release to the environment the ingredients that they contain in the hermetically sealed container. Do not short circuit terminals, or over charge the battery, forced over-discharge, throw to fire.
储存 Storage 較小的环境中。禁止将电池接触加热设备、或将电池长时间直接暴露在阳光中。 Avoid mechanical or electrical abuse. Storage preferably in cool, dry and ventilated area, which is subject to little temperature change. Storage at high temperatures should be avoided. Do not place the battery near heating equipment, nor expose to direct sunlight for long periods. 其他要注意的防范措施 Other Precautions JFW、 がL、 血接放入火中或高温条件下, 电池可能发生爆炸和燃烧。 禁止加接或将电池正负极错误的安装在设备中。 The battery may explode or cause burns, if disassembled, crushed or exposed to fire or high temperatures. Do not short or install with incorrect polarity. 第人部分-接触控制和个体防护 Section 8- Exposure Controls/Personal Protection 设计常相 设计常相气通从或其它设计来控制粉尘、努、烟雾和气体。 Use local exhaust ventilation or other engineering controls to control sources of dust, mist, fumes and vapor. Keep away from heat and open flame. Store in a cool, dry place. Forkity装备 Personal Protective Equipment 其它防护装备 Other Protective Equipment 其它防护装备 Other Protective Equipment 其它防护装备 Other Protective Equipment 其它防护装备 Derotective Equipment 其它防护装备 Derotective Equipment 其它防护装备 Other Protective Equipment 其它防护装备 Do not eaking battery. 其中地域设备一个之业可以使用的支全排浴和喷水洗碗器。 Handing an open or leaking battery. Eye Protection: Not necessary under normal conditions, Wear suitable protective clothing and gloves if handling an open or leaking battery. Eye Track域设备 力 vaup of wear and eye wash fountain readily available in the immediate work area. TEX 推动 Yather Protective Equipment<		
Storage Avoid mechanical or electrical abuse. Storage preferably in cool, dry and ventilated area, which is subject to little temperature change. Storage at high temperatures should be avoided. Do not place the battery near heating equipment, nor expose to direct sunlight for long periods. Jttew要注意的防范措施 Other Precautions JF縣、 JEL、 直接放入火中或高温条件下, 电池可能发生爆炸和燃烧。 禁止短接或将电池正负极错误的安装在设备中. The battery may explode or cause burns, if disassembled, crushed or exposed to fire or high temperatures. Do not short or install with incorrect polarity. 第八部分-接触控制和个体防护 Section 8- Exposure Controls/Personal Protection 设计登制 Bit edialta jt c 设计水控制粉尘、雾、烟雾和气体。 Use local exhaust ventilation or other engineering controls to control sources of dust, mist, fumes and vapor. Keep away from heat and open flame. Store in a cool, dry place. FGRPb Pri- 在正常情况下不需要。如果处理一个裂开的或泄漏的电池需要就上安全 服略保护: 在正常情况下不需要, 如果处理一个裂开的或泄漏的电池需要就上安全 服镜。 Respiratory Protection: Not necessary under normal conditions, Wear suitable protective Clothing and gloves if handling an open or leaking battery. Eye Protection: Not necessary under normal conditions, Wear suitable protective Equipment	储存	较小的环境中。禁止将电池接触加热设备,或将电池长时间直接暴露在阳光中。
其他要共思的的泡槽通。 禁止短接或将电池正负极错误的安装在设备中。 The battery may explode or cause burns, if disassembled, crushed or exposed to fire or high temperatures. Do not short or install with incorrect polarity. 第八部分-接触控制和个体防护 Section 8- Exposure Controls/Personal Protection 设计控制 Engineering Controls 设计局部排气通风或其它设计来控制粉尘、雾、烟雾和气体。 Use local exhaust ventilation or other engineering controls to control sources of dust, mist, fumes and vapor. Keep away from heat and open flame. Store in a cool, dry place. 呼吸防护:在正常情况下不需要。 皮肤和身体防护: 在正常情况下不需要,如果处理一个裂开的或泄漏的电池需要或适当的防护服和手套。 更体和身体防护:在正常情况下不需要,如果处理一个裂开的或泄漏的电池需要戴上安全 眼镜。 Personal Protective Equipment 发它的Protection: Not necessary under normal conditions. Skin and body Protection: Not necessary under normal conditions. Skin and poor relaking battery. Hand protection: Not necessary under normal conditions. Skin and poor relaking battery. Hand protection: Not necessary under normal conditions. Skin and poor relaking battery. Hand protection: Not necessary under normal conditions. Skin and poor relaking battery. Have a safety shower and eye wash fountain readily available in the immediate work area. Pdt精施 在工作区域该有一个立即可以使用的安全淋浴和喷水洗眼器. <		area, which is subject to little temperature change. Storage at high temperatures should be avoided. Do not place the battery near heating equipment, nor expose to
Other Precautions 禁止泡装或料电池止负极错误的安装在设备中。 The battery may explode or cause burns, if disassembled, crushed or exposed to fire or high temperatures. Do not short or install with incorrect polarity. 第人部分-接触控制和个体防护 Section 8- Exposure Controls/Personal Protection 设计局部排气通风或其它设计来控制粉金、雾、烟雾和气体。 Use local exhaust ventilation or other engineering controls to control sources of dust, mist, fumes and vapor. Keep away from heat and open flame. Store in a cool, dry place. 呼吸防护: 在正常情况下不需要, 度肤和身体防护: 在正常情况下不需要,如果处理一个裂开的或泄漏的电池需要或上安全 眼镜. Fersonal Protective Equipment Skin and body Protection: Not necessary under normal conditions. Skin and body Protection: Wear suitable gloves if handling an open or leaking battery. Hand protective clothing and gloves if handling an open or leaking battery. Hand protection: Wear suitable gloves if handling an open or leaking battery. Have a safety shower and eye wash fountain readily available in the immediate work area. 卫生措施 在工作区域应该有一个立即可以使用的安全淋浴和喷水洗眼器. Have a safety shower and eye wash fountain readily available in the immediate work area. 卫生措施 在工作区域应该有一个立即可以使用的安全淋浴和喷水洗眼器. Have a safety shower and eye wash fountain readily available in the immediate work area. 卫生措施 在工作区域应该有一个立即可以使用的安全淋浴和喷水洗眼器. Have a safety shower and eye wash fountain readily available in the immediate work area. 卫生措施 医士作区域应该有一个立即可以使用的安全淋浴和喷	甘化西沙金的防护排放	拆解、挤压、直接放入火中或高温条件下,电池可能发生爆炸和燃烧。
Other Precations The battery may explode or cause burns, if disassembled, crushed or exposed to fire or high temperatures. Do not short or install with incorrect polarity. 第人部分-接触控制和个体防护 Section 8- Exposure Controls/Personal Protection 设计启部排气通风或其它设计来控制粉尘、雾、烟雾和气体。 Use local exhaust ventilation or other engineering controls to control sources of dust, mist, fumes and oppen flame. Store in a cool, dry place. 呼吸防护: 在正常情况下不需要。 皮肤和身体防护: 在正常情况下不需要。 皮肤和身体防护: 在正常情况下不需要,如果处理一个裂开的或泄漏的电池需要或适当的防护服和手套。 手保护: 如果处理一个裂开的或泄漏的电池需要或适当手套。 Personal Protective Equipment Respiratory Protection: Not necessary under normal conditions. Skin and body Protection: Not necessary under normal conditions. Skin and body Protection: Not necessary under normal conditions. Skin and body Protection: Not necessary under normal conditions, Wear suitable protective clothing and glowes if handling an open or leaking battery. Hand protection: Wear suitable gloves if handling an open or leaking battery. Eye Protective: Not necessary under normal conditions, Wear safety glasses if handling an open or leaking battery. Eye Protective Equipment 其生措施 Other Protective Equipment 在工作区域应该有一个立即可以使用的安全淋浴和喷水洗眼器。 Have a safety shower and eye wash fountain readily available in the immediate work area. 卫生措施 Prom Do not eat, drink, or smoke in work area. Maintain good housekeeping. 第本 Form 面体 Solid 颜色 照然杂色		禁止短接或将电池正负极错误的安装在设备中。
第八部分-接触控制和个体防护 Section 8- Exposure Controls/Personal Protection 设计局部排气通风或其它设计来控制粉尘、雾、烟雾和气体。 设计局部排气通风或其它设计来控制粉尘、雾、烟雾和气体。 Use local exhaust ventilation or other engineering controls to control sources of dust, mist, tumes and vapor. Keep away from heat and open flame. Store in a cool, dry place. 呼吸防护:在正常情况下不需要。 皮肤和身体防护:在正常情况下不需要,如果处理一个裂开的或泄漏的电池需要戴适当手套。 眼睛保护:在正常情况下不需要,如果处理一个裂开的或泄漏的电池需要戴上安全 眼镜。 Personal Protective Equipment 器 規定的Protective Equipment 要求的Difference 皮肤和身体防护:在正常情况下不需要,如果处理一个裂开的或泄漏的电池需要戴上安全 服情保护:在正常情况下不需要,如果处理一个裂开的或泄漏的电池需要戴上安全 服物分子的理和的Difference Respiratory Protection: Not necessary under normal conditions, Wear suitable protective clothing and gloves if handling an open or leaking battery. Hand protection: Wot necessary under normal conditions, Wear safety glasses if handling an open or leaking battery. 其它防护装备 Other Protective Equipment 卫生措施 Hygiene Measures 产工作区域应该有一个立即可以使用的安全淋浴和噴水洗眼器。 Have a safety shower and eye wash fountain readily available in the immediate work area. 卫生活施 Form Do not eat, drink, or smoke in work area. Maintain good housekeeping. 第九部分一物理和化学特性 Solid Dif	Other Precautions	The battery may explode or cause burns, if disassembled, crushed or exposed to
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设计控制 Engineering ControlsUse local exhaust ventilation or other engineering controls to control sources of dust, mist, fumes and vapor. Keep away from heat and open flame. Store in a cool, dry place. 	Sect	
Engineering Controlsdust, mist, fumes and vapor. Keep away from heat and open flame. Store in a cool, dry place. 呼吸防护:在正常情况下不需要。 皮肤和身体防护:在正常情况下不需要,如果处理一个裂开的或泄漏的电池需要穿戴 适当的防护服和手套。 手保护:如果处理一个裂开的或泄漏的电池需要戴适当手套。 眼睛保护:在正常情况下不需要,如果处理一个裂开的或泄漏的电池需要戴上安全 眼镜。 Respiratory Protection: Not necessary under normal conditions. Skin and body Protection: Not necessary under normal conditions. Skin and body Protection: Not necessary under normal conditions. Wear suitable gloves if handling an open or leaking battery. Hand protection: Not necessary under normal conditions. Wear suitable gloves if handling an open or leaking battery. Eye Protection: Not necessary under normal conditions. Wear safety glasses if handling an open or leaking battery. Eye Protection: Not necessary under normal conditions. Wear safety glasses if handling an open or leaking battery. Have a safety shower and eye wash fountain readily available in the immediate work area. 74.bit 124.fim 134.com 4.com 9.com 9.co		设计局部排气通风或其它设计来控制粉尘、雾、烟雾和气体。
P人防护装备 呼吸防护:在正常情况下不需要。 C人防护装备 夏床护:如果处理一个裂开的或泄漏的电池需要戴适当手套。 Personal Protective 再保护:如果处理一个裂开的或泄漏的电池需要戴适当手套。 Equipment Respiratory Protection: Not necessary under normal conditions. Skin and body Protection: Not necessary under normal conditions, Wear suitable protection: Woar suitable gloves if handling an open or leaking battery. Hand protection: Not necessary under normal conditions, Wear suitable protection: Not necessary under normal conditions, Wear safety glasses if handling an open or leaking battery. Eye Protection: Not necessary under normal conditions, Wear safety glasses if handling an open or leaking battery. Eye Protection: Not necessary under normal conditions, Wear safety glasses if handling an open or leaking battery. Eye Protection: Not necessary under normal conditions, Wear safety glasses if handling an open or leaking battery. Eye Protection: Not necessary under normal conditions, Wear safety glasses if handling an open or leaking battery. Eye Protection: Not necessary under normal conditions, Wear safety glasses if handling an open or leaking battery. Eye Protection: Not necessary under normal conditions, wear safety glasses if handling on open or leaki		
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大人防护装备 Personal Protective Equipment适当的防护服和手套。 手保护:如果处理一个裂开的或泄漏的电池需要戴适当手套。 眼睛保护:在正常情况下不需要,如果处理一个裂开的或泄漏的电池需要戴上安全 眼镜。 Respiratory Protection: Not necessary under normal conditions. Skin and body Protection: Not necessary under normal conditions, Wear suitable protective clothing and gloves if handling an open or leaking battery. Hand protection: Not necessary under normal conditions, Wear suitable protective clothing and gloves if handling an open or leaking battery. Hand protection: Not necessary under normal conditions, Wear suitable protective clothing and gloves if handling an open or leaking battery. Hand protection: Not necessary under normal conditions, Wear safety glasses if handling an open or leaking battery. Eye Protection: Not necessary under normal conditions, Wear safety glasses if handling an open or leaking battery. Have a safety shower and eye wash fountain readily available in the immediate work area.Zet措施 Hygiene Measures在工作区域不得进食,饮水或吸烟。 Do not eat, drink, or smoke in work area. Maintain good housekeeping.形态 FormImple Solid颜色黑灰杂色		呼吸防护:在正常情况下不需要。
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ACD (1) * 後留 Other Protective Equipment Have a safety shower and eye wash fountain readily available in the immediate work area. 卫生措施 Hygiene Measures 在工作区域不得进食,饮水或吸烟。 Do not eat, drink, or smoke in work area. Maintain good housekeeping. 近日 第九部分-物理和化学特性 医 Etion 9- Physical and Chemical Properties 形态 Form 固体 Solid 颜色 黑灰杂色		handling an open or leaking battery.
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Hygiene Measures Do not eat, drink, or smoke in work area. Maintain good housekeeping. 第九部分-物理和化学特性 Section 9- Physical and Chemical Properties 形态 固体 Solid 颜色 黑灰杂色	Other Protective Equipment	work area.
Section 9- Physical and Chemical Properties 形态 固体 Form Solid 颜色 黑灰杂色		
形态 固体 Form Solid 颜色 黑灰杂色		第九部分-物理和化学特性
形态 固体 Form Solid 颜色 黑灰杂色	S	
颜色		
	Form	Solid
Color Black and gray variegated		
	Color	Black and gray variegated

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气味	不适用
Odour	No available
酸碱度	不适用
рН	No available
熔点/凝固点	不适用
Melting point/freezing point	No available
沸点、沸点范围:	了任田
Boiling Point and Boiling	不适用 No available
range	
易燃度	不适用
Flash Point	No available
自燃或爆炸的上、下极限	て、チロ
Upper/lower flammability or	不适用
explosive limits	No available
蒸汽压	不适用
Vapor Pressure	No available
蒸汽密度	不适用
Vapor Density	No available
相对密度	不适用
相利 面皮 Relative density	No available
水溶性	不适用
 Solubility in Water	No available
自燃温度	不适用
Auto-ignition temperature	No available
分解温度	不适用
Decomposition temperature	No available
蒸发速率	不适用
Evaporation rate	No available
易燃性(土壤、天然气)	不适用
Flammability (soil, gas)	No available
粘性	不适用
Viscosity	No available
	第十部分 稳定性和反应活性
	Section 10- Stability and reactivity
稳定性	产品在第七部分所述的条件下稳定
^{远定正} Stability	The product is stable under conditions described Section 7
Casiny	· · · · · · · · · · · · · · · · · · ·
	加热 70℃ 以上或焚烧、变形、毁坏、粉碎、拆卸、过充电、短路,长时间暴露在潮
应避免的条件	湿的条件下。
Conditions to Avoid	Heat above 70°C or incinerate. Deform, Mutilate, Crush, Disassemble,
	Overcharge, Short circuit, Expose over a long period to humid conditions.
	氧化剂,酸,碱。
不兼容的材料	
Incompatible Materials	Oxidizing agents, acid, base.
危险分解物	一氧化碳、二氧化碳、氧化锂烟雾。
Hazardous Decomposition	Carbon monoxide, carbon dioxide, lithium oxide fumes.
Products	
危险反应的可能性	不适用
Possibility of Hazardous	Not Available
Reaction	

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東京生

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	第十一部分-毒理学资料
	Section 11 – Toxicological Information
刺激	如果电芯的外壳受到机械、热或电的滥用到达一定程度,会发生刺激的风险。如果发生这种情况,可能会刺激皮肤、眼睛和呼吸道。
和政 Irritation	Risk of irritation occurs only if the cell is mechanically, thermally or electrically
Initation	abused to the point of compromising the enclosure. If this occurs, irritation to the
	skin, eyes and respiratory tract may occur.
致过敏	不适用
Sensitization	Not Available
影响神经系统	不适用
Neurological Effects	Not Available
<u>致</u> 畸	不适用
Teratogenicity	Not Available
再生毒性	不适用
Reproductive Toxicity	Not Available
诱变(遗传效应)	
Mutagenicity (Genetic	不适用
Effects)	Not Available
附带材料毒理性	不适用
Toxicologically Synergistic	Not Available
Materials	
	第十二部分-生态学资料
at to she bit	Section 12- Ecological Information
生态毒性 Foologiaal Touloitu	不适用
	Not Available
在土壤中的流动性 Mability in acil	不适用
Mobility in soil	Not Available
持久性和分解性 Persistence and	不适用
Degradability	Not Available
	不适用
Bioaccumulation potential	Not Available
	不适用
Other Adverse Effects	Not Available
	第十三部分-废弃处置
	Section 13- Disposal Considerations
产品废弃处理建议	遵守当地、州和联邦法律和法规。
Product disposal	Observe local, state and federal laws and regulations.
recommendation	
包装处理建议 Packaging disposal	废弃处理必须根据当地法规
Packaging disposal recommendation	Disposal must be made according to official regulations
	第十四部分-运输信息
	Section 14 – Transport Information
 UN编号	
UN Number	UN 3480
联合国运输专用名称	DIOGE Lithium ion Pottorion
UN Proper shipping name	PI965 Lithium ion Batteries
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包装说明 Packing Instructions	9
空运	IATA第66版DGR手册
Air	IATA DGR Manual 66th
/···· 海运	海运危险货物规则(Amdt. 42-24)的特殊规定188
存在 Sea	IMDG CODE (Amdt. 42-24) SP188
Sea	
道路运输	国际危险货物道路运输协定
Road	ADR - Agreement concerning the International Carriage of Dangerous Goods by
	Road 同后在队化物供应与按由户
铁路运输	国际危险货物铁路运输协定
Railway	RID - Regulations concerning the International Carriage of Dangerous Goods by Rail
电池已通过 UN38.3 测试。	INdii
	assed in accordance with UN38.3.
ballery are lested and has pa	
防止货物倒塌和被雨水浸湿。 Separate Lithium-ion batteries	防止短路。他们应该在运输期间用坚固的包装来固定,确保货物不会倾斜,掉落和破损, s when shipping to prevent short-circuiting. They should be packed in strong packaging ensure that the goods will not falling, dropping, and breakage, Prevent collapse of cargo
Siles and wet by fain.	第十五部分 法规信息
	Section 15- Regulatory information
《危险物品规则》《Dangero	•
	的建议》《Recommendation on the Transport of Dangerous Goods Model Regulations》
《国际海运危险货物规则》《	International Maritime Dangerous Goods》
《危险品安全运输技术指令》	《Technical Instructions for the Safe Transport of Dangerous Goods》
《危险货物分类和品名编号》	«Classification and code of dangerous Goods»
《职业安全卫生法》《Occup	ational Safety and Health Act》(OSHA)
•	Substance Control Act》(TSCA)
	mer Product Safety Act》(CPSA)
	ederal Environmental Pollution Control Act》(FEPCA)
《石油污染控制法》《The Oi	
	案III(302/311/312/313)》《Superfund Amendments and Reauthorization Act Title III
(302/311/312/313)》(SARA)	\sim
	esource Conservation and Recovery Act》(RCRA)
《安全饮用水法》《Safety Di	rinking Water Act》(CWA)
《加州65提案》《California F	Proposition 65》
《美国联邦法规》《Code of	Federal Regulations》(CFR)
	Section 16- Other Information
木仍MSDS由的信自口且甘工	我们当前的所拥有的相关材料的信息而编制的,只是为了描述本品的健康、安全与环境
	地了解和信任本产品。这些信息只是提供给您,以供考虑、研究和确认。其中的一些危
	。所以本份MSDS不能作为使用本品实现任何特定目的的保证。各有关使用者有责任预
	面的测试,以评判其是否满足您的使用目的。
	has only been compiled based on the information in the relevant materials currently in
	ed only to describe the health, safety and environmental requirements of this product so
that all interested parties can	better understand and trust this product. This information is provided to you only for
that all interested parties can your consideration, research	and confirmation. Some of the harm prevention measures described are not unique.
that all interested parties can your consideration, research Therefore, this MSDS is not a	



whether it meets your purpose of use.

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声明

STATEMENT

1. 本次检测所用的测量设备的量值均可以溯源到国家计量标准。

The equipment lists are traceable to the national reference standards.

2. 检测报告未经本实验室书面批准,不得部分复制。

The test report can not be partially copied unless prior written approval is issued from our lab.

3. 报告未加盖"检验检测专用章"无效。

The test report is invalid without stamp of laboratory.

4. 报告无检测、批准人员签字无效。

The test report is invalid without signature of person(s) testing and authorizing.

5. 本次检测的结果仅对所检测样品有效。

The test process and test result is only related to the Unit Under Test.

6. 样品的相关信息由委托单位提供,实验室不对其真实性负责。

Sample information is provided by the customer and the laboratory is not responsible for its authenticity.

7. 无CMA标志的报告, 仅供科研、教学、企业产品研发及内部质量控制目的用。 Reports without CMA mark are only used for scientific research, teaching, enterprise product development and internal quality control purposes.

8. 本实验室的质量体系符合ISO/IEC17025标准的要求。

The quality system of our laboratory is in accordance with ISO/IEC17025.

9. 如对本报告有异议,可在收到报告后15 天内向本单位申诉,逾期不予受理。

If there is any objection to report, the client should inform issuing laboratory within 15 days from the date of receiving test report.

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