

Lixing Batteries

材料安全资料表 Material Safety Data Sheet

1 化学品及企业标识(Chemical Product and Company Identification)		
产品名称 Product Name	锂-二氧化锰扣式电池 Lithium manganese dioxide coin cell	
制造商名称 Manufacturers Name	武汉力兴(火炬)电源有限公司 WUHAN LIXING (TORCH) POWER SOURCES CO., LTD.	
地址 Address	武汉市东湖高新技术开发区关东工业园 430074 The Guandong industrialized country of East Lake high and new technology development zone, Wuhan 430074	
紧急联络电话 Emergency Number	86-27-87531527	
传真 Fax	86-27-87414024	
2 成分/组成信息(Composition/Information on Ingredients)		
危险性组分: Hazardous Components:		
名称 Description	含量 Percent (wt %)	化学文摘号 CAS No.
二氧化锰 Manganese dioxide	20-30	1313-13-9
锂 Lithium	1-2	7439-93-2
高氯酸锂 Lithium Perchlorate	0.5-1	7791-03-9
碳酸丙烯酯 Propylene carbonate	5-10	108-32-7
乙二醇二甲醚 1,2 Dimethoxyethane	5-10	110-71-4
3 危险性概述(Hazards Summarizing)		
锂 Lithium	与水接触剧烈反应,易燃烧。只能用苏打粉,沙子等灭火。 It reacts violently when in contact with water, and it is flammable. Use only soda ash or sand to extinguish flame.	
二氧化锰 Manganese dioxide	强氧化剂,具腐蚀性,摄入有毒。可用 CO ₂ 灭火。 A toxic material also an corrosive and an oxidising agent. Use only CO ₂ or halon to extinguish flame.	
碳酸丙烯酯 Propylene carbonate	可腐蚀眼睛和皮肤。可用 CO ₂ 灭火。 Will irritate the eyes and the skin by absorption, harmful if ingested or inhaled. Use only CO ₂ or halon to extinguish flame.	
乙二醇二甲醚 1,2 Dimethoxyethane	极易燃。吸入和摄入有害。可用 CO ₂ 灭火。 Highly flammable. Harmful if ingested or inhaled. Use only CO ₂ or halon to extinguish flame.	
其他组分不活泼,或者危害较小。 Other materials are either inert or have low hazard associated with their exposure.		

4 急救措施(First-aid Measures)
眼睛:用水冲洗,立即就医。 Eyes:irrigate thoroughly with water.Obtain medical attention.
皮肤:用水彻底冲洗,脱掉受污染的衣物并清洗。除非少量接触,否则就医。 Skin:drench the skin thoroughly with water.Remove contaminated clothing and wash before re-use.Unless contact has been slight,obtain medical attention.
吸入:离开污染场所,休息并保暖。严重时就医。 Inhalation:remove from exposure,rest and keep warm.In severe cases,obtain medical attention.
食入:用水彻底冲洗口部后大量饮水。就医。 Ingestion:wash out mouth thoroughly with water and give plenty of water to drink.Obtain medical attention.
5 消防措施(Fire-fighting Measures)
大量电池燃烧,可能发生爆炸。适合的灭火介质为 CO ₂ ,干粉灭火器和沙子。不可用水灭火。 消防人员应配戴空气呼吸器,防护头盔,眼镜等。 There would be explosion in the case where significant quantities of lithium-manganese dioxide batteries have been involved in a fire. Applicable extinguishing media: CO ₂ fire extinguisher , ABC dry powder extinguisher , sand ,etc.Do not use water as extinguishing agent. Firemen should wear the air breathe machine, helmet, glasses ,etc.
6 泄露应急处理(Accidental Release Measures)
不可呼吸泄漏液蒸汽,或用手接触液体。若皮肤已接触电解质,立即用大量水冲洗。可用泥土和沙子吸收泄漏液。将漏液电池和沙子按特殊废弃物处理。 Do not breath vapours or touch liquid with bare hands.If the skin has come into contact with the electrolyte it should be washed thoroughly with water.Earth or sand should be used to absorb the exudation.Seal leaking battery and earth in a heavy-duty Polythene bag and dispose of as special waste.
7 操作处置与储存(Handling and Storage)
保证电池包装完整,避免短路。 Pack the batteries well,and avoid short circuit.
不要拆卸电池。 Never disassemble batteries.
不要吸入电池蒸汽或用光手接触电池内部物质。 Do not breathe cell vapors or touch internal material with bare hands.
将电池储存在阴凉通风的地方,避免阳光直射。 Store batteries in cool well-ventilated area,keep out of direct sunlight.
8 接触控制/个体防护(Exposure Controls/Personal Protection)
外部含镍壳盖的腐蚀可能生成有毒产物。避免吞咽电池。接触后洗手。 External corrosion of the nickle can could result in theformation of toxic metal salts.Avoid ingestion,Wash hands after contact.
9 理化特性(Physical and Chemical Properties)
本品为固态,无味。其他指标不适用。 This battery is solid state , and inodorous.The other items are not applicable.
10 稳定性和反应性(Stability and Reactivity)
有害物质被密封在壳体内,在正常情况下本产品稳定,无害。



Hazardous materials are housed within a sealed unit, under normal conditions this unit is stable and non-hazardous.	
若电池密封被损坏,金属锂会与水反应放出可燃性气体。 Lithium will react with water and produce flammable gas if the seal of battery is damaged.	
11 毒理学资料(Toxicological Information)	
若电池不损坏,无毒。 No toxicity unless the battery is damaged.	
12 生态学资料(Ecological Information)	
不适用。 Not Applicable.	
13 废弃处置(Disposal)	
不要焚烧电池或将电池加热超过 80℃。根据当地法规处理电池。 Do not incinerate or subject cells to temperature in excess of 80℃. Dispose of in accordance with local regulations.	
14 运输信息(Transport Information)	
根据国际海事组织(国际海运危险货物规则)的规定,力兴出品的所有的锂-二氧化锰扣式电池均可作为非限制性货物运输。因为跟进特殊规定 188, 该产品不受 IMO IMDG CODE 限制。 According to the International Maritime Organization (IMO) regulations, all lithium-manganese dioxide button batteries produced by Lixing can be used as non-restrictive cargo transportation. The product is not subject to IMO IMDG CODE restrictions due to the follow-up of special regulation 188.	
运输时,应避免电池短路。 The batteries being transported must be protected from shorting-circuiting and protected from movement that could lead to short-circuiting.	
15 法规信息(Regulatory Information)	
特殊要求依据当地法规。 Special requirement be according to the local regulations.	
16 其他信息(Other Information)	
填表时间 Date of Issue	2019.08.5
填表部门 Dept. of Issue	名称:武汉力兴(火炬)电源有限公司技术部 Name: the R&S dept. of wuhan lixing (torch) power sources co.,ltd.
文件号 Document Number	LX-QR-824-38
备注 Remarks	以上数据只基于对产品目前状态的了解。 The above information is given based on the present state of our knowledge of this product.

