



广州海关技术中心

GUANGZHOU CUSTOMS DISTRICT TECHNOLOGY CENTER

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电话Tel: 020-22131000 邮箱Email: ppdc@iqtcnet.cn 网址Website: https://www.iqtcnet.cn

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MSDS 报告 MSDS Report

样品名称 铅酸蓄电池
Sample Name: AUTOMOTIVE BATTERY/MOTOR
BATTERY/TRUCK BATTERY/CAR BATTERY
委托单位 广东奥克莱集团有限公司
Applicant: GUANGDONG AOKLY GROUP CO.,LTD



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LRRONWRVSQ



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物质安全资料表

Material Safety Data Sheet

第 1 部分 – 物品与厂商资料

Section 1 – Product and Company Identification

物品名称 Product Name	铅酸蓄电池 AUTOMOTIVE BATTERY/MOTOR BATTERY/TRUCK BATTERY/CAR BATTERY
物品型号 Product Type	N150MF(160G51MF)
委托单位 Applicant	广东奥克莱集团有限公司 GUANGDONG AOKLY GROUP CO.,LTD
生产单位 Manufacturer	广东奥克莱集团有限公司 GUANGDONG AOKLY GROUP CO.,LTD
使用建议及使用限制 Prior Notice of Usage	请务必按照所提供的规格说明书和所附的注意事项来使用电池。 You are kindly requested to use the product in strict accordance with the specification and remarks include at the end of the document.
联系电话 Telephone Number	0763-6835888
传真 Fax	0763-2665999
紧急联络电话 Emergency Telephone	0763-6835888



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第 2 部分 - 危险标识

Section 2 - Hazard Identification

本报告所述样品是铅酸蓄电池。

The sample Listed in this report is Lead acid battery.

本报告所送样品符合《联合国危险货物运输的建议书规章范本》238 条特殊规定, 不受危规约束。

The samples are complying with the special provisions 238 of Chapter 3.3 of the Recommendations on the Transport of Dangerous Goods, Model Regulations and not subject to other provisions of these Regulations.

根据联合国《关于危险品货物运输的建议书》22 版, 国际航空运输协会《危险品运输规则》第 64 版, 国际海运危险品货物运输规则 2020 版的相关规定, 该样品不属于危险货物。

According to the relevant provision of UN "Recommendations on the TRANSPORT OF DANGEROUS GOODS"ST/SG/AC.10/1/Rev.22, IATA Dangerous Goods Regulations 64th Edition and IMDG CODE (Amdt.40-20) 2020 Edition, the sample doesn't belong to Dangerous Goods.

第 3 部分 - 成分辨识资料

Section 3- Composition/Information on ingredients

成分 Hazardous components	CAS NO.	%(按重量) / % (by weight)
金属铅	7439-92-1	43~53%
二氧化铅	1309-60-0	21~24%
超细玻璃纤维隔板	65997-17-3	3~5%
硫酸	7664-93-9	18~20%

第 4 部分 - 急救措施

Section 3- First aid measures

皮肤接触 Skin contact	移开受到污染的衣物, 用肥皂和水彻底清洗或淋浴至少 15 分钟, 及时联系医务人员; Remove contaminated clothes and rinse skin with plenty of water or shower for 15 minutes, Seek medical attention immediately.
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眼睛接触 Eye contact	立刻用水连续冲洗眼睛至少 15 分钟，翻动上下眼睑，及时联系医务人员； Immediately flush eyes with plenty of water continuously for at least 15 minutes, occasionally lifting the upper and lower eyelids. Seek medical attention immediately.
摄入 Ingestion	喝至少 2 杯牛奶或水，立即就医，不得进食 Give at least 2 glasses of milk or water. Induce vomiting unless patient is unconscious. Call a physician.
第 5 部分 – 消防措施 Section 5 – Fire Fighting Measures	
燃点 Flash Point	不适用 Not Applicable
自燃温度 Auto-Ignition Temperature	不适用 Not Applicable
适用的灭火剂 Suitable Extinguisher	大量水（降温），二氧化碳 Water, CO ₂
特殊灭火程序 Special Fire –Fighting Procedures	自给式呼吸器 Self-contained breathing apparatus
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，电池可能会破裂。 Cell may vent when subjected to excessive heat-exposing battery contents.
燃烧产生的危险物品 Hazards Combustion Products	金属氧化物烟气。 Metal oxide fumes.

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第 6 部分 – 意外漏液的处理方法

Section 6 – Accidental Release Measures

<p>为防止电池材料泄露或释放采取的措施</p> <p>Step to be taken in case of Material is Released or Spilled</p>	<p>如果电池内部材料泄露, 试验人员应立即撤离试验区直到烟气消散。将通风设备打开吹散危险性气体。用抹布擦净试验区, 清除溢出的液体, 将泄露电池放进塑料袋中, 然后放进钢制容器。避免皮肤和眼睛接触或吸入有害烟雾。</p> <p>If the battery material is released, remove personnel from area until fumes dissipate. Provide maximum ventilation to clear out hazardous fumes. Wipe it up with a cloth, and dispose of it in a plastic bag and put into a steel can. The preferred response is to leave the area and allow the contact or inhalation of fumes. Remove spilled liquid with absorbent and incinerate.</p>
<p>废旧电池处置方法</p> <p>Waste Disposal Method</p>	<p>建议将电池完全放电后, 交给专业部门处理。</p> <p>It is recommended to discharge the battery to the end and pass to professional department for treatment.</p>



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第7部分 – 搬运及存储

Section 7 – Handling and Storage

<p>禁止打开、毁坏或焚烧电池</p> <p>The battery should not be opened, destroyed or incinerate.</p>	<p>因为电池有可能在这些处理过程中发生爆炸、破裂或泄漏等事故。禁止将电池短路、充电、强制放电或扔入火中。禁止挤压刺穿电池或将电池浸入溶液中。</p> <p>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 charge the battery, forced over-discharge, throw to fire. Do not crush or puncture the battery, or immerse in liquids.</p>
<p>操作处置和储存中的防范措施</p> <p>Precautions to be taken in handling and storing</p>	<p>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、通风及温度变化较小的环境中。禁止将电池接触加热设备或将电池直接暴露于阳光中。</p> <p>Avoid mechanical or electrical abuse. Storage preferably in cool, dry and ventilated area, where 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.</p>
<p>其他要注意的防范措施</p> <p>Other Precautions</p>	<p>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。禁止短接或将电池极性反接。</p> <p>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.</p>

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第 8 部分 – 接触控制/个人防护

Section 8 – Exposure Controls and Person Protection

呼吸防护 Respiratory Protection	正常操作条件下不需要做呼吸保护。 Respiratory Protection is not necessary under conditions of normal use.
通风条件 Ventilation	正常使用条件下不需要。 Not necessary under conditions of normal use.
防护手套 Protective Gloves	正常使用条件下不需要。 Not necessary under conditions of normal use.
其他防护服装或设备 Other Protective Clothing or Equipment	正常使用条件下不需要。 Not necessary under conditions of normal use.
电池开阀试验时应做好个人防护 Personal Protection is recommended for venting battery	需要准备呼吸防护, 防护手套, 防护服装和有护边的安全玻璃罩。 Respiratory Protection, Protective Gloves, Protective Clothing and safety glass with side shields.



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第9部分- 物理及化学性质

Section 9 – Physical and Chemical Properties

外观 Appearance	长方体
气味 Odour	无 None
酸碱度 PH	正常使用条件下不适用 N/A
闪点 Flash point	无 N/A
易燃度 Flammability	无 N/A
溶解性 (水溶性) Solubility (water)	正常条件下不溶于水 Insoluble in water under conditions of normal use
溶解性 (其他) Solubility (other)	针对单个组分暴露情况, 其他不适用 Not applicable unless individual components exposed



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第 10 部分-稳定性及反应性

Section 10 – Stability and Reactivity

稳定性 Stability	在第7部分描述的储存条件下, 电池是稳定的 Product is stable under storage conditions described in Section 7
应避免的条件 Conditions to avoid	不能加热到70°C以上, 或焚烧、变形、毁坏、粉碎、拆卸、充电、短路, 长时间暴露在潮湿的条件下 Do not heat above 70°C or incinerate. Deform. Mutilate. Crush. Disassemble. Charge. Short circuit. Expose over a long period to humid conditions
应避免的材料 Materials to avoid	氧化剂, 酸, 碱, 水 Oxidizing agents, acid, alkalis. water
危险的分解物 Hazardous decomposition Products	硫化物和铅化物等有毒物质。 Sulfide and lead compounds and other toxic substances.
聚合危害 Hazardous Polymerization	无 N/A



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第 11 部分 – 毒性资料

Section 11 – Toxicological Information

急性毒性 Acute toxicity	无资料。/No data.
皮肤腐蚀/刺激 Skin corrosion/irritation	内容物会造成皮肤灼伤。 Contents can cause skin burns.
严重眼睛损伤/刺激 Serious eye damage/eye irritation	内容物会造成严重眼损伤。 Contents may cause serious eye damage.
呼吸或皮肤敏化作用 Respiratory or skin sensitization	无资料。/No data available.
生殖细胞突变性 Germ cell mutagenicity	无资料。/No data available.
致癌性 Carcinogenicity	长期接触内容物, 怀疑会导致致癌。 Long-term exposure with contents, suspected of causing cancer.
生殖毒性 Reproductive toxicity	内容物可能对生育能力或胎儿造成损害。 Contents may cause damage to fertility or the unborn child.
特异性靶器官系统毒性 —— 一次性接触 STOT- Single exposure	内容物会引起呼吸道刺激。 Contents may cause respiratory irritation.
特异性靶器官系统毒性 —— 反复接触 STOT-Repeated exposure	内容物长期或重复接触会对器官造成损害。 Causes damage to organs through prolonged or repeated exposure with contents.
吸入危害 Aspiration hazard	无资料。No data available.
其他毒性 Others	无资料。No data available.

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第 12 部分 – 生态信息

Section 12 – Ecological Information

对哺乳动物的影响 Mammalian effects	目前未知 None known at present
生态毒性 Eco-toxicity	目前未知 None known at present
环境危害 Environmental fate	目前没有已知的环境危害 None known environment hazards at present
生物体内积累 Bioaccumulation potential	缓慢生物降解 Slowly Bio-degradable

第 13 部分 – 废弃处置方法

Section 13 – Disposal Considerations

处理措施 Disposal measures	禁止焚烧, 或使电池温度超过 70°C, 这种滥用可导致泄露和/或电池爆炸。应按照相应的地方性法规处理 Do not incinerate, or subject cells to temperature in excess of 70°C, such abuse can result in loss of seal leakage, and/or cell explosion. Dispose of in accordance with appropriate local regulations.
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第 14 部分 – 运输

Section 14 – Transportation

运输标签 Label for conveyance	不适用 Not Applicable
UN 编号 UN Number	不适用 Not Applicable
海洋污染物 Marine pollutant	无 No

本报告所述样品包装中需要具有适当的防短路的措施

The samples are properly protected so as to prevent short circuits in the package.

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第 15 部分 – 法规资料

Section 15 – Regulatory Information

法律信息

Law information

《危险物品规则》

Dangerous Goods Regulations

《对危险货物运输的有关规定的建议》

Recommendations 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》

Occupational Safety and Health Act (OSHA)

《有毒物质控制法》

Toxic Substance Control Act (CPSA)

《消费产品安全法》

Consumer Product Safety Act (CPSA)

《联邦环境污染控制法》

Federal Environmental Pollution Control Act (FEPCA)

《资源保护及恢复法案》

Resource Conservation and Recovery Act (RCRA)

《安全饮用水法》

Safety Drinking Water Act (CWA)



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第 16 部分 –其它信息

Section 16 –Other Information

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