



运输危险性鉴定书

Hazard Classification and
Identification Report for Transport of Goods

非限制性货物

样品名称： 铅酸蓄电池 6-QW-93 (12V 93Ah) (不含电解液)

Sample Name: 6-QW-93 (12V 93Ah)

委托单位： 合肥万达蓄电池有限责任公司
Hefei Wanda Storage Battery Co. , Ltd.

生产单位： 合肥万达蓄电池有限责任公司
Hefei Wanda Storage Battery Co. , Ltd.



上海化工院检测有限公司
SHANGHAI INSTITUTE OF CHEMICAL INDUSTRY TESTING CO.,LTD.



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NO. 202600024922542

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样品名称 Sample Name	中文 Chinese	铅酸蓄电池 6-QW-93 (12V 93Ah) (不含电解液)
	英文 English	6-QW-93 (12V 93Ah)
委托单位 Applicant	合肥万达蓄电池有限责任公司 Hefei Wanda Storage Battery Co. , Ltd.	
生产单位 Manufacturer	合肥万达蓄电池有限责任公司 Hefei Wanda Storage Battery Co. , Ltd.	
检验方法、程序 Inspection Methods and Procedures	国际海事组织《国际海运危险货物规则》(2024版) IMO International Maritime Dangerous Goods Code (2024 Edition)	
样品外观与气味 Appearance & Odor	黑色塑胶外壳(不含电解液), 无臭 Blackplastic cement shell(without electrolyte),odorless	
I D E N T I F I C A T I O N 鉴 定 结 论 C O N C L U S I O N	1. 危险性识别(Hazards identification) 无。 None.	
	2. 海运按照IMO IMDG Code办理的类项(Suggestion according to IMO IMDG Code) 可按非限制性货物条件办理。 The product is not subject to IMO IMDG Code.	
C O N C L U S I O N	3. 包装类别(Packing Group) 无。 None.	
	检验日期: 2025-12-23 签发日期: 2025-12-24 Inspection Date: Issue Date:	
备注 Comment	/	

批准
Approver:

王军

审核
Checker:

董学胜

主检
Appraiser:

孙清



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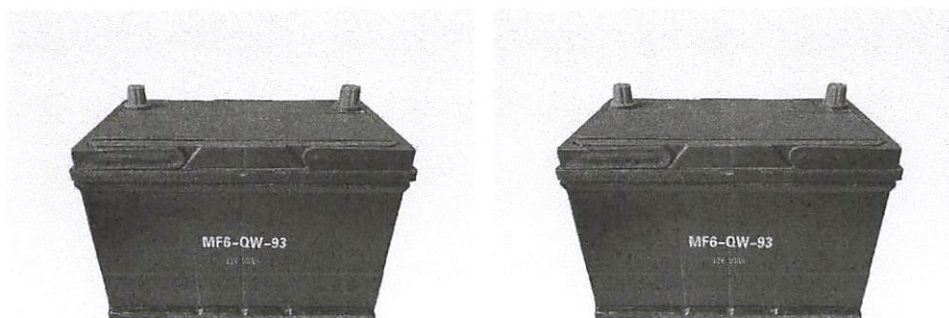
鉴定项目 Identification Items	鉴定结果 Identification Results
爆炸危险性鉴定 Identification of Explosive Hazards	本品不属于爆炸品。 The product is not classified in Explosives.
易燃危险性鉴定 Identification of Flammable Hazards	本品不属于易燃危险品。 The product is not classified in Flammable Substances.
氧化危险性鉴定 Identification of Oxidative Hazards	本品不属于氧化剂和有机过氧化物。 The product is not classified in Oxidizing Substances and Organic Peroxides.
毒害及传染危险性鉴定 Identification of Toxic & Infectious Hazards	本品不属于毒害品和感染性物质。 The product is not classified in Toxic and Infectious Substances.
放射危险性鉴定 Identification of Radioactive Hazard	本品无放射危险性。 The product is not classified in Radioactive Material.
腐蚀危险性鉴定 Identification of Corrosive Hazard	本品不属于腐蚀品。 The product is not classified in Corrosives.
其他危险性鉴定 Identification of other Hazards	电池必须具有适当的防短路措施, 若是以电池为动力的装置、设备或车辆还须采取有效的防止意外启动措施。 The battery must be protected appropriately to prevent a short circuits and any battery powered device, equipment or vehicle must be effectively prepared to prevent unintentional activation.
-验证码: 205367-	

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报告结束



物质安全数据单

(MSDS)

最初编制日期: 2026/01/01

修订日期: 2026/01/01

版本: 20260101

依据联合国 GHS 制度第七修订版

非限制性货物

产品名称: 铅酸蓄电池(不含电解液)

型号/规格: 6-QW-93

客户名称: 合肥万达蓄电池有限责任公司

编写: 合肥万达蓄电池有限责任公司



1、化学品及企业标识

1.1 产品标识

产品名称: 铅酸蓄电池(不含电解液)

型号/规格: 6-QW-93

1.2 产品推荐和限制用途

产品的推荐用途: 请咨询生产商。

产品的限制用途: 请咨询生产商。

1.3 安全数据单提供者信息

企业名称: 合肥万达蓄电池有限责任公司

企业地址: 安徽省合肥市长丰双凤经济开发区凤锦路

联系电话: +86 (0) 551-65534548

传真: +86 (0) 551-65689979

邮编: /

电子邮箱: 582118178@qq.com

1.4 企业应急电话: +86 (0) 551-65533194

2、危险性概述:

2.1 GHS 危险性类别: 本产品不属于危险品, 无危害分类。

2.2 GHS 标签要素

象形图: 无。

信号词: 无。

2.3 危险性说明: 无资料。

2.4 防范说明

2.4.1 预防措施

无资料。

2.4.2 事故响应

无资料。

2.4.3 安全储存

无资料。

2.4.4 废弃处置

无资料。

2.5 危害描述

2.5.1 物理和化学危害

本品正常情况下使用无危害。

2.5.2 健康危害

无资料。

2.5.3 环境危害

请参阅 SDS 第十二部分。

3、成分/组成信息:

物质 ☐ 配置品 ☒

化学成分



化学名称	CAS No	EC No.	成分比(重量%)
塑胶外壳	9002-86-2	208-750-2	20
极板	7439-92-1	--	80

4、急救措施

4.1 急救措施描述

一般性建议:急救措施通常是需要的,请将本 SDS 出示给到达现场的医生。

皮肤接触:用大量水清洗,脱去被污染的衣服和鞋。

眼睛接触:用流动水或生理盐水清洗,必要时就医。

吸入:移至空气新鲜处,保持呼吸道畅通,如有不适,请就医。

摄入:清理口腔,催吐,就医。

急救人员的防护:确保医护人员了解产品的危害特性,并采取自身防护措施,以保护自己和防止污染传播。

4.2 紧急医疗处理和特殊处理的说明

- 1、根据出现的症状进行针对性处理。
- 2、注意症状可能会出现延迟。

5、消防措施:

5.1 灭火介质

- 1、合适的灭火介质:雾状水、抗溶性泡沫、干粉、二氧化碳、砂土灭火。
- 2、不合适的灭火介质:避免用太强烈的水汽灭火,因为它可能会使火苗蔓延分散。

5.2 源于此物质或混合物的特别危害

- 1、无资料。

5.3 对消防人员的建议

- 1、灭火时,应佩戴呼吸面具((符合 MSHA/NIOSH 要求的或相当的))并穿上全身防护服。
- 2、在安全距离处、有充足防护的情况下灭火。
- 3、防止消防水污染地表和地下水系统。

6、泄漏应急处理:

6.1 作业人员防护措施,防护设备和紧急处理程序

- 1、建议应急人员戴正压自给式呼吸器,穿防毒、防静电服,戴化学防渗透手套。
- 2、保证充分的通风。清除所有点火源。
- 3、迅速将人员撤离到安全区域,远离泄漏区域并处于上风方向。
- 4、使用个人防护装备。避免吸入蒸气、烟雾、气体或粉尘。

6.2 环境保护措施

- 1、在确保安全的情况下,采取措施防止进一步的泄漏或溢出。
- 2、避免排放到周围环境中。

6.3 泄漏化学品的收容清除方法及所使用的处置材料

- 1、附着物或收集物应存放在合适的密闭容器中,并根据当地相关法律法规废弃处置。
- 2、清除所有点火源,并采用防火花工具和防暴设备。

7、操作处置和储存:

7.1 操作注意事项:

- 1、密闭操作, 全面通风。
- 2、操作人员必须经过专门培训, 严格遵守操作规程。
- 3、建议操作人员佩戴自吸过滤式防尘口罩, 戴化学安全防护眼镜。
- 4、远离火种、热源, 工作场所严禁吸烟。
- 5、使用防爆型的通风系统和设备。
- 6、避免与氧化剂、还原剂、卤素接触。
- 7、配备相应品种和数量的消防器材。

7.2 储存注意事项:

- 1、储存于阴凉、通风的库房。
- 2、远离火种、热源。
- 3、应与氧化剂、还原剂、卤素等分开存放, 切忌混储。
- 4、采用防爆型照明、通风设施。
- 5、禁止使用易产生火花的机械设备和工具。
- 6、储区应备有泄漏应急处理设备和合适的收容材料。

8、接触控制和个体防护:

8.1 控制参数

8.1.1 职业接触限值

国际职业接触限值

组分	国家/地区	职业接触限值 (8h)		职业接触限值 (段时间)	
		ppm	mg/m ³	ppm	mg/m ³
本品所有组分	美国-OSHA	未规定	未规定	未规定	未规定
	韩国	未规定	未规定	未规定	未规定
	爱尔兰	未规定	未规定	未规定	未规定
	德国 (AGS)	未规定	未规定	未规定	未规定
	丹麦	未规定	未规定	未规定	未规定
	澳大利亚	未规定	未规定	未规定	未规定

8.1.2 生物限值

生物限值: 无资料

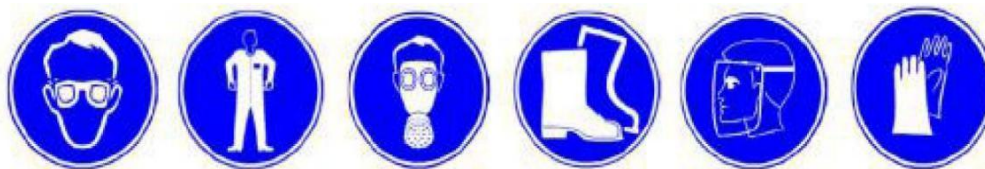
8.1.3 监测方法

- 1、EN14042 工作场所空气用于评估暴露于化学或生物试剂的程序指南。
- 2、GBZ/T1601~GBZ/T16081-2004 工作场所空气有毒物质测定(系列标准)。

8.2 工程控制

- 1、保持充分的通风, 特别在封闭区内。
- 2、确保在工作场所附近有洗眼和淋浴设施。
- 3、使用防爆电器、通风、照明等设备。
- 4、设置应急撤离通道和必要的泄险区。

8.3 个人防护装备

**总要求:**

眼睛防护:佩戴化学护目镜(符合欧盟 EN166 或美国 NIOSH 标准)。

手部防护:戴化学防护手套(例如丁基橡胶手套)。建议选择经过欧盟 EN374 美国 US F739 或 AS/NZS21611 标准测试的防护手套。

呼吸系统防护:如果蒸气浓度超过职业接触限值或发生刺激等症状时,请使用全面罩式多功能防毒面具(US)或 AXBEK 型(EN14387)防毒面具筒。

皮肤和身体防护:穿阻燃防静电防护服和抗静电的防护靴。

其它防护:工作现场严禁吸烟、进食和饮水。保持良好的卫生习惯。

9、理化特性:

外观与性状:黑色PP外壳(不含电解液)。

气味:无臭。

气味临界值:无资料。

PH 值:无资料。

熔点/凝固点(°C):无资料。

沸点、初沸点和沸程(°C):无资料。

闪点(闭杯, °C):无资料。

蒸发速率:无资料。

易燃性(固体或气体):无资料。

爆炸上限/下限[% (v/v)]:无资料。

蒸气压(kPa):无资料。

蒸气密度(空气=1):无资料。

相对密度(水=1):无资料。

溶解性(mg/L):无资料。

辛醇/水分配系数:无资料。

自燃温度(°C):无资料。

分解温度(°C):无资料。

黏度:无资料。

其他:经上海化工院检测有限公司鉴定为非限制性货物。

10、稳定性和反应性:

反应性:与不相容物质接触可发生分解或其它化学反应。

化学稳定性:在正确的使用和存储条件下是稳定的。

危险反应的可能性:无资料。

避免接触的条件:静电放电、热、潮湿等。

禁配物:强氧化物, 强酸, 强碱。

危险的分解产物:在正常的储存和使用条件下, 不会产生危险的分解产物。

11、毒理学信息:

急性毒性

组分	LD ₅₀ (经口)	LD ₅₀ (经皮)	LD ₅₀ (吸入, 4h)
本品所以组分	无资料	无资料	无资料

致癌性

组分名称	LARC	NTP
本品所有成分	未列入	未列入

其他信息

组分	皮肤 腐蚀 刺激	严重 眼损 伤 / 刺激	皮肤 致癌	呼吸 致敏	生殖 毒性	特 异 性 靶 器 官 系 统 毒 性 - 单 次 接 触	特 异 性 靶 器 官 系 统 毒 性 - 单 次 接 触	吸入 危害	生殖 细胞 致突 变性	生殖 毒性 附加 危害
本品所 有成分	无资料	无资料	无资料	无资料	无资料	无资料	无资料	无资料	无资料	无资料

12、生态学信息:

12.1 急性水生毒性

组分	鱼类	甲壳纲动物	藻类/水生植物
本品所有成分	无资料	无资料	无资料

12.2 慢性水生毒性

组分	鱼类	甲壳纲动物	藻类/水生植物
本品所有成分	无资料	无资料	无资料

12.3 其他信息

组分	持久性和降解性	生物富集或生物 积累性	土壤中的迁移 性	PBT 和 vPvN 的结果评价
本品所有成分	无资料	无资料	无资料	无资料

13、废弃处置:

13.1 废弃处理

废弃化学品:尽可能回收利用。如果不能回收利用,采用焚烧方法进行处置。不得采用排放到下水道的方式废弃处置本品。

污染包装物:包装物清空后仍可能存在残留物危害,应远离热和火源,如有可能返还给供应商循环使用。

废弃注意事项:请参阅“废弃物处理”部分。

14、运输信息:

联合国危险货物编号(UNNo):本产品不属于危险品。IMDG/IMO-不受管制

IMDG/IMO-不适用

IMDG/IMO-未分类

IMDG/IMO-根据IMDG/IMO,该产品不属于危险货物该产品不受国际千年发展目标/国际海事组织管制

Date:01-January-26

包装标签:无

海洋污染物(是/否):否

包装方法:按照生产商推荐的方法进行包装,例如:开口钢桶。安瓿瓶外普通木箱。螺纹口玻璃瓶铁盖压口玻璃瓶、塑料瓶或金属桶(罐)外普通木箱等。

运输注意事项:严禁与酸类、碱类、氧化剂、食品及食品添加剂混运。装运该物品的车辆排气管必须配备阻火装置,禁止使用易产生火花的机械设备和工具装卸。运输途中应防曝晒、雨淋,防高温。运输时所用的槽(罐)车应有接地链,槽内可设孔隔板以减少震荡产生静电。

严禁与氧化剂、酸类、食品及食品添加剂等混装混运。严禁用木船、水泥船散装运输。运输途中应防曝晒、雨淋,防高温。运输时运输车辆应配备相应品种和数量的消防器材及油漏应急处理设备。运输前应先检查包装容器是否完整、密封。运输工具上应根据相关运输要求张贴危险标志、公告。

15、法规信息:

国际化学品名录

组分	EINECS	TSCA	DSL	IECSC	NZIoC	PICCS	KECI	AICS
塑胶外壳	N. A	N. A	N. A	N. A	N. A	N. A	N. A	N. A
极板	N. A	N. A	N. A	N. A	N. A	N. A	N. A	N. A

【EINECS】欧洲现有化学物质名录

【TSCA】美国 TSCA 化学物质名录

【DSL】加拿大国内化学物质名录

【IECSC】中国现有化学物质名录

【NZIoC】新西兰现有暂用的化学物质名录

【PICCS】菲律宾化学品和化学物质名录

【KECI】韩国现有化学物质名录

【AICS】澳大利亚现有化学物品物质名录

16、其他信息

参考文献:

【1】国际化学品安全规划署:国际化学品安全卡(ICSC), 网址:<http://www.ilo.org/dyn/icsc/showcard.home>。

【2】国际癌症研究机构, 网址:<http://www.iarc.fr/>。

【3】OECD 全球化学品信息平台网址:http://www.echemportal.org/echemportal/index?pageID=0&request_locale=en

【4】美国 CAMEO 化学物质数据库, 网址: <http://cameochemicals.noaa.gov/search/simple>。

【5】美国医学图书馆:化学品标识数据库, 网址: <http://chemsis.nlm.nih.gov/chemidplus/chemidlite.jsp>。

【6】美国环境保护署:综合危险性信息系统, 网址: <http://cfpub.epa.gov/iris/>。

【7】美国交通部:应急响应指南, 网址:<http://www.phmsa.dot.gov/hazmat/library/erg>

【8】德国 GESTIS-有害物质数据库, 网址:<http://gestis-en.itrust.de/>。

其他信息:

1、缩略语

CAS-化学文摘号

TSCA-美国 TSCA 化学物质名录

PC-STEL-短时间接触容许浓度

PC-TWA-时间加权平均值

DNEL-衍生的无影响水平

IARC-国际癌症研究机构

RPE-呼吸防护设备

PNEC-预测的无效应浓度

LC50-50%致死浓度

LD50-50%致死剂量

NOEC-无观测效应浓度

EC50-50%有效浓度

PBT-持久性, 生物累积性, 毒性 POW-辛醇/水分配系数

BCF-生物浓度因子 (BCF) vPvB-持久性, 生物累积性

CMR-致癌、致畸和有生殖毒性的化学物质

IMDG-国际海事组织

ICAO/IATA-国际民航组织/国际航空运输协会

UN-联合国

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NFPA-美国消防协会

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样品照片



***** 结 束 *****

MSDS 报告编制日期: 2026/01/01





Material Safety Data Sheet (MSDS)

Creation Date: 2026/01/01

Revision Date: 2026/01/01

Version: 20260101

**Prepared according to UN GHS(the 7th revised edition)
non-restricted**

Product Name: lead-acid battery (Without electrolyte)

Model: 6-QW-93

Company Name:Hefei Wanda Storage Battery Co. , Ltd.



Hefei Wanda Storage Battery Co. , Ltd.

1、 Identification of the chemical and supplier

1.1 Product identifier

Product Name: Lead-Acid Battery(Without electrolyte)

Product Model: 6-QW-93

1.2 Relevant identified uses of the substance or mixture and uses

advised against

Relevant identified uses: Please consult manufacturer.

Uses advised against: Please consult manufacture.

1.3 Details of the supplier of the Safety Data Sheet

Name of the company: Hefei Wanda Storage Battery Co. , Ltd.

Address of the company : Fengjin RoadShuangfeng Economie Development Zone,Changfeng
CountyHefei,Anhui

Telephone number: +86 (0) 551-65534548

Fax number: +86 (0) 551-65689979

Zip code: /

Email address: 582118178@qq.com

1.4 Emergency phone number

Emergency phone number: +86 (0) 551-65533194

2、 Hazards identification:

2.1 Hazard classification according to GHS:

The product is not dangerous and it has no hazardous classification.

2.2 Label elements

Hazard pictograms: None.

Signal word: None.

2.3 Hazard statements:

None.

2.4 Precautionary statements

2.4.1 Prevention

None.

2.4.2 Response

None.

2.4.3 Storage

None.

2.4.4 Disposal

None.

2.5 Hazard description

2.5.1 Physical and chemical hazards

This product is normally used without hazard.

2.5.2 Health hazards

None.

2.5.3 Environmental hazards

Please refer to 12th chapter of SDS.

3、Composition/information on ingredients

Substance ☐ Preparation ☒

Composition

Component	CAS No	EC No.	Concentration (weight percent,%)
Plastic shell	9002-86-2	208-750-2	20
Plate	7439-92-1	--	80

4、First aid measures

4.1 Description of first aid measures

General advice: Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.

Skin contact: During production, take off contaminated clothing and shoes immediately. Wash off with plenty of water for at least 15 minutes and consult a physician if felt uncomfortable.

Eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if felt uncomfortable.

Inhalation: Under normal use conditions, no adverse effects will occur. If contact with decomposition products, irritation occurs. Move victim into fresh air. If breathing is difficult, give oxygen. Do not use mouth-to-mouth resuscitation if victim ingested or inhaled the substance. If not breathing, give artificial respiration and consult a physician immediately.

Intake: Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately.

Protecting of first-aiders:

Ensure that medical personnel are aware of the substance involved. Take precautions to protect themselves and prevent spread of contamination.

4.2 Indication of any immediate medical attention and special

treatment needed

- 1、Treat symptomatically.
- 2、Symptoms may be delayed

5、Firfighting measures

5.1 Extinguishing media

- 1、Sutable extinguishing media: Extinguish with misty water,alcohol-resistant foam,dry powder.carbon dioxide.or sand.
- 2、Unsuitable extinguishing media: Do not use a solid water stream as it may scatter or spread fire.

5.2 Specific hazards arising from the substance or mixture

- 1、No data available.

5.3 Advice for firefighters

- 1、As in any fire,wear self-contained breathing apparatus(MSHA/NIOSH approved or equivalent)and ull protective gear.
- 2、Fight fire from a safe distance,with adequate cover
- 3、Prevent fire extinguishing water from contaminating surface water or the ground water system.

6、Accidental release measures

6.1 Personal precautions,protective equipment and emergency procedures

- 1、Emergency personnel wear positive pressure self-contaned breathing apparatus. Wear protective and anti-static clothing.Wear chemical impermeable gloves.
- 2、Ensure adequate ventilation.Remove all sources of ignition.
- 3、Evacuate personnel to safe areas.Keep people away from and upwind of spill/leak
- 4、Use personal protective equipment. Avoid breathing vapours,mist, gas or dust.

6.2 Environmental precautions

- 1、Prevent further leakage or spillage if safe to do so
- 2、Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

- 1、Adhered or collected material should be promptly disposed of in accordance with appropriate laws and regulations.
- 2、Remove all sources of ignition.Use spark-proof tools and explosion-proof equipment

7、Handling and storage

7.1 Precautions for handling

- 1、Closed operation,full ventilation
- 2、Operators must be specially trained to strictly abide by the operating procedures
- 3、It is recommended that operators wear self-priming filter dust masks and chemical safety glasses.
- 4、Keep away from fire,heat,and smoking in the workplace

- 5、 Use explosion-proof ventilation systems and equipment.
- 6、 Avoid contact with oxidizing agents, reducing agents, and halogens.
- 7、 Equipped with the corresponding variety and quantity of fire-fighting equipment

7.2 Precautions for storage

- 1、 Store in a cool, ventilated warehouse
- 2、 Keep away from fire and heat.
- 3 It should be stored separately from oxidants, reducing agents, halogens, etc and should not be mixed.
- 4、 Use explosion-proof lighting and ventilation facilities.
- 5、 It is forbidden to use mechanical equipment and tools that are prone to sparks.
- 6、 The storage area should be equipped with leakage emergency treatment equipment and suitable containment materials

8、 Exposure controls/personal protection

8.1 Control Parameters

8.1.1 Occupational exposure limits

Occupational Exposure limit values

Component	Country/Region	Limit value- Eight hours		Limit value- Short term	
		ppm	mg/m ³	ppm	mg/m ³
All components	USA-OSHA	Unspecified	Unspecified	Unspecified	Unspecified
	South Korea	Unspecified	Unspecified	Unspecified	Unspecified
	Ireland	Unspecified	Unspecified	Unspecified	Unspecified
	Germany (AGS)	Unspecified	Unspecified	Unspecified	Unspecified
	Denmark	Unspecified	Unspecified	Unspecified	Unspecified
	Australia	Unspecified	Unspecified	Unspecified	Unspecified

8.1.2 Biological limit values

Biological limit values: No information available

8.1.3 Monitoring methods

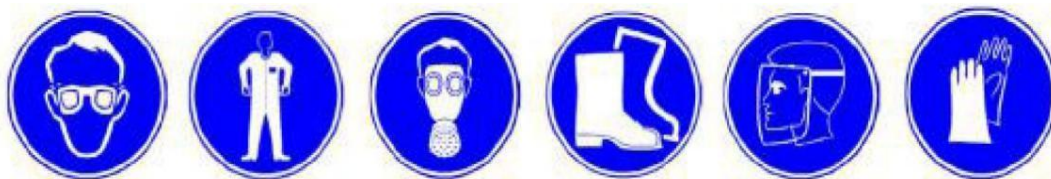
- 1、 EN 14042 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents.
- 2、 GBZ/T1601~GBZ/T16081-2004 Determination of toxic substances in workplace air (Chinese standard)

8.2 Engineering controls

- 1、 Ensure adequate ventilation, especially in confined areas.
- 2、 Ensure that eyewash stations and safety showers are close to the workstation location
- 3、 Use explosion-proof electrical/ventilating/lighting/equipment.
- 4、 Set up emergency exit and necessary decontamination area

8.3 Personal protection equipment

General requirement:



Eye protection: Tightly fitting safety goggles(approved by EN 166(EU) or NIOSH(US))

Hand protection:Wear protective gloves(such as butyl rubber).passing the tests according to EN 374(EU)US F739 or AS/NZS 2161.1 standard.

Respiratory protection:If exposure limits are exceeded or if irritation or other symptoms are experienced,use a full- face respirator with multi-purpose combination(US) or type AXBEK(EN14387)respirator cartridges.

Skin and body protection:Wear fire/flamm resistant/retardant clothing and antistatic boots.

Other protection:Smoking, eating and drinking are forbidden on the job site.Maintain good hygiene habits.

9、Physical and chemical properties

Appearance:Black PP shell (excluding electrolyte) .

Odor: Odorless

Odor threshold:No data available

PH value:No data available

Melting point/freezing point(°C):No data available.

Initial boiling point and boiling range(°C):No data available

Flash point(closed cup,C):No data available

Evaporation rate: No data available.

Flammability(solid or gas):Non-flammable.

Explosion upper/lower limit [% (v/v)]:No data available

Vapor pressure(kPa):No data available

Vapor density(air=1):No data available

Relative density(water=1):No data available.

Solubility(mg/L):No data available.

Octanol/water partition coefficient: No data available **Auto-ignition temperature(°C):**No data available.

Decomposition temperature(C):No data available **Viscosity:** No data available.

Others:Resistance value: Identified as non-restricted goods by Shanghai Chemical Institute Testing Co., Ltd.

10、Stability and Reactivity

Reactivity:Contact with incompatible materials can cause decomposition or other chemical reactions.

Chemical stability: stable under the correct conditions of use and storage

Possibility of hazardous reactions: Reacts violently with oxidants,causing a risk of combustion explosion.

Conditions to avoid: Electrostatic discharge,heat,humidity,etc Incompatible materials:Strong oxides,strong acids,strong bases.

Hazardous decomposition products:Under normal conditions of storage and use,hazardous decomposition products should not be produced

11、Toxicological information

11.1 Acute toxicity

LDso(oral)	LD60(Transcutaneous)	LCse(inhalation,4h)
Not available	Not available	Not available

11.2 Carcinogenicity

Component	LARC	NTP
All components	Not Listed	Not Listed

11.3 Others

Comp onent	Comp sive Skin/imitati on	Seriou s eye damag e/imita tion	Skin sensiti zation	Respir atory sensiti zation	Repro ductiv e toxicity	Specif ic target organ toxicit y- single expos	Specif ic target organ toxicit y- repeat ed	Aspira tion hazard	Gem cell mutag enicit y	Repro ductiv e toxicit y
All comp onents	Not availa ble	Not availa ble	Not availa ble	Not availa ble	Not availa ble	Not availa ble	Not availa ble	Not availa ble	Not availa ble	Not availa ble

12、Ecological information:

12.1 Acute aquatic toxicity

Component	Fisb	Crustaceans	Algae
All components	Not available	Not available	Not available

12.2 Chronic aquatic toxicity

Component	Fisb	Crustaceans	Algae
All components	Not available	Not available	Not available

12.3 Others

Component	Persistence and degradability	Bioaccumulatio nor bioaccumulation	Soil mobility	Evaluation of PBT : and vPvB results
All components	Not available	Not available	Not available	Not available

13、Disposal considerations

Disposal considerations: Recycle as much as possible If it cannot be recycled, use incineration for disposal Do not dispose of this product by means of discharge to the sewer.

Waste chemicals: Contaminated packaging: Residual hazards may still exist after the contents of the packaging are emptied. Keep away from heat and sources of ignition. If possible, recycle them to the supplier for recycling .

Disposal considerations : Refer to the "Disposal" section

14、Transportation information

United Nations Dangerous Goods Number (UN No.): The product is not dangerous.

IMDG/IMO- not regulated IMDG/IMO- not applicable

IMDG/IMO- not classified.

IMDG/IMO-According to IMDG/IMO the product is not Dangerous cargo The product is not subject to IMDG/IMO

Packaging label: None **Marine Pollutants (Yes/No):** No

Packing method: Pack according to the manufacturer's recommendations, for example: open drums. Ampoule bottle outside the ordinary wooden box. Threaded glass bottles, iron lids, glass bottles, plastic bottles or metal drums (cans) outside the ordinary wooden boxes.

Transportation Note: It is strictly prohibited to mix and transport with acids, alkalis, oxidants, foods and food additives. The exhaust pipe of the vehicle carrying this item must be equipped with a fire -retardant device, which prohibits the use of mechanical equipment and tools that generate sparks. Avoid exposure. rain. and high temperature during transportation The tank (tank) used for

15、Regulatory information

International chemical inventory

Component	EINECS	TSCA	DSL	IECSC	NZIoC	PICCS	KECI	AICS
Plastic shell	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A
Plate	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A

【EINECS】 European Inventory of Existing Commercial Chemical Substances

【TSCA】 United States Toxic Substances Control Act Inventory

【DSL】 Canadian Domestic Substances List

【IECSC】 China Inventory of Existing Chemical Substances

【NZIoC】 New Zealand Inventory of Chemicals

【PICCS】 Philippines Inventory of Chemicals and Chemical Substances

16、Others

Reference:

【1】 IPCS:The International Chemical Safety Cards(ICSC),website: <http://www.ilo.org/dyn/icsc/showcard> home.

【2】 IARC, website:<http://www.iarc.fr/>

【3】 OECD:The Global Portal to Information on Chemical Substances,website: http://www.chemportal.org/chemportal/index?pageID=0&request_locale=en.

【4】 CAMEO Chemicals,website:<http://cameochemicals.noaa.gov/search/simple>

【5】 NLM:ChemIDplus,website:<http://chemsis.nlm.nih.gov/chemidplus/chemidlite.jsp>

【6】 EPA:Integrated Risk Information System,website:<http://cfpub.epa.gov/ins/>

【7】 U.S.Department of Transportation: ERG,website:<http://www.phmsa.dot.gov/hazmat/library/erg>

【8】 Germany GESTIS-database on hazard substance,website: <http://gestis-en.itrust.de/>.

Others:

1、Abbreviations and acronyms

CAS-Chemical Abstracts Service PC-STEL-Short term exposure limit
 DNEL-Derived No Effect Level RPE-Respiratory Protective Equipment
 LC50-Lethal Concentration 50% NOEC -No Observed Effect Concentration
 PBT-Persistent,Bioaccumulative,Toxic BCF-Bioconcentration factor(BCF)
 IMDG-International Maritime Dangerous Goods UN-The United Nations NFPA-National Fire Protection Association
CMR-Carcinogens,mutagens or substances toxic to reproduction
PC-TWA-Time Weighted AverageIARC-International Agency for Research on Cancer
PNEC-Predicted No Effect Concentration LD50-LethalDose50%
EC50-Effective Concentration 50%
POW-PartitioncoefficientOctanol:Water vPvB-veryPersistentveryBioaccumulative
ICAO/IATA-Intemational Civil Aviation Organization/Intemational Air Transportation Association
ACGIH-Amencan Conference ofGovernmental Industrial Hygienists OECD-Organization for Economic Co-operation and Development

2、Disclaimer

ThisSafety Data Sheet(SDS)was prepared according to UN GHS(the 7th revised edition) The data included was derived from international authoritative database and provided by the enterprise.Other information was based on the present state of our knowledge.We try to ensure the correctness of all information. However, due to the diversity of information sources and the limitations of our knowledge, this document is only for user's reference. Users should make therr independent judgment of suitability of this information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage,use or disposal of the product.

Photograph of sample



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MSDS Creation Date: 2026/01/01

