

MATERIAL SAFETY DATA SHEET

MSDS DATE: 10/05/2024

FILE NO.:

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: RECHARGEABLE lantern
PRODUCT CODES: 41-3776
MANUFACTURER: Ninghai Xinguang Electric Appliance Co., Ltd
ADDRESS: NO.8 Yuanzhong Road Binhai industry area, XiDian town, Ninghai County, Ningbo City, China
EMERGENCY PHONE: 86+13967878766
CHEMTREC PHONE: N/A
OTHER CALLS: N/A
FAX NUMBER: 86+057465171221
PRODUCT USE: 18650 Lithium battery

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT: (list out ingredient name and percentage, must total add up to 100%)

Part	Materials 原材料	Weight percentage 重量比例	Actual Weight 实际重量
Body 大身	ABS	25.12%	150G
Switch 开关	rubber	0.32%	1.9G
reflector 反光杯	PC	6.26%	37.4G
LED&PCB	copper clad laminate	3.52%	21G
handle	PC+rubber	5%	29G
plug	Rubber	0.2%	4.2G
Lantern cover	PC	13.4%	80G
Screw	iron	2.51%	14G
Battery	Lithium	21.31%	125G
Package 包装	(color box)	22.36%	133.5G

SECTION 3: HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYES: No health effects are expected

SKIN: No health effects are expected.

INGESTION: No health effects are expected.

INHALATION: No health effects are expected

CARCINOGENICITY

OSHA:

ACGIH:

NTP:

IARC:

OTHER: No conclusive data is available to indicate product or any component present is greater than 0.1% may cause cancer.

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SECTION 4: FIRST AID MEASURES

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

EYES: No need for first aid is anticipated

SKIN: No need for first aid is anticipated

INGESTION: No need for first aid is anticipated

INHALATION: No need for first aid is anticipated

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: Not Applicable
(% BY VOLUME) LOWER: Not Applicable

FLASH POINT:

F: Not Applicable

C: Not Applicable

METHOD USED: Not Applicable

AUTOIGNITION TEMPERATURE:

F: Not Applicable

C: Not Applicable

NFPA HAZARD CLASSIFICATION

HEALTH: 0

FLAMMABILITY: 1

REACTIVITY: 0

OTHER:

EXTINGUISHING MEDIA: Use fire extinguishers with class B extinguishing agents (e.g., dry chemical, carbon dioxide)

SPECIAL FIRE FIGHTING PROCEDURES: As with any fire, avoid inhalation of hazardous decomposition products. Wear self-contained breathing apparatus and protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS: No unusual fire or explosion hazards are anticipated.

HAZARDOUS DECOMPOSITION PRODUCTS: Not Applicable

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Not Applicable

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions. Store under normal warehouse conditions.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Not Applicable

VENTILATION: Not Applicable

RESPIRATORY PROTECTION: Avoid inhaling product.

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EYE PROTECTION: Avoid eye contact.

SKIN PROTECTION: Gloves not required.

EXPOSURE GUIDELINES: None Established

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

ODOR: None

PHYSICAL STATE: Solid

pH AS SUPPLIED: N/A

pH (Other): N/A

BOILING POINT:

F: Not Applicable

C: Not Applicable

MELTING POINT:

F: Not Applicable

C: Not Applicable

FREEZING POINT:

F: Not Applicable

C: Not Applicable

VAPOR PRESSURE (mmHg):

@

F: Not Applicable

C: Not Applicable

VAPOR DENSITY (AIR = 1):

@

F: Not Applicable

C: Not Applicable

SPECIFIC GRAVITY (H₂O = 1):

@

F: Not Applicable

C: Not Applicable

EVAPORATION RATE: Not Applicable

BASIS (=1): Not Applicable

SOLUBILITY IN WATER: No

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Not Applicable

SECTION 11 NOTES:

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Not Applicable

SECTION 12 NOTES:

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SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Reclaim if feasible. If product cannot be reclaimed, dispose of waste product in a sanitary landfill. Alternatively, incinerate the waste product in an industrial, commercial, or municipal incinerator.

SECTION 14: TRANSPORT INFORMATION

Factory: Ninghai Xinguang Electric Appliance Co., Ltd

Phone: 86+13967878766

UNRTDG

UN number	UN3481
Proper shipping name	Lithium-ion batteries container in equipment (including lithium-ion polymer batteries)
Class	9
Packing group	III
Labels	9

IATA-DGR

UN/ID No.	UN3481
Proper shipping name:	Lithium-ion batteries container in equipment (including lithium-ion polymer batteries)
Class	9
Packing group	III
Labels	Miscellaneous Lithium batt
Packing Instruction (Cargo aircraft)	967
Packing instruction (Passenger aircraft)	967
Environmentally Hazardous	Yes

IMDG-Code

UN number	UN3481
Proper shipping name	Lithium-ion batteries container in equipment (including lithium-ion polymer batteries)
Class	9
Packing group	III
Labels	9
EmS code	F-A, S-F
Marine pollutant	Yes

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

Contact Ninghai Xinguang Electric Appliance Co., Ltd

311/312 HAZARD CATEGORIES:

Fire Hazard – No Pressure Hazard – No Reactivity Hazard – No Delayed Hazard - No

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: None

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