

MATERIAL SAFETY DATA SHEET

MSDS DATE: 3/2/2026

FILE NO.:

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: FLASHLIGHT
PRODUCT CODES: 41-4380
MANUFACTURER: Ningbo Yingda Hardware Co.,Ltd
ADDRESS: Qingtang village, shenzhen town , ninghai county, ningbo city, China
EMERGENCY PHONE: 86+19858301750
CHEMTREC PHONE: N/A
OTHER CALLS: N/A
FAX NUMBER: 86+19858301750
PRODUCT USE: 14500 Li-ion 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
大身	Al	50.5	40
尾部塑料件	ABS	7.5	6
镜片	PMMA	4.5	3.6
尾绳	PA	0.7	0.6
Rubber 按钮	Rubber	0.5	0.4
LED	copper clad laminate	3.7	3
PCBA	copper clad laminate	2.5	2
Battery 电池		12.6	10
USD 数据线	pvc	0.7	0.6
Packing 泡壳	Blister	6.5	5
Packing 纸卡	Paper	10.3	8

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

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SECTION 12 NOTES:

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

Please contact the phone numbers listed on the first page of the MSDS for Transport Information for this material.

UNRTDG

UN number	N/A
Proper shipping name	N/A
Class	N/A
Packing group	N/A
Labels	N/A

IATA-DGR

UN/ID No.	N/A
Proper shipping name:	N/A
Class	N/A
Packing group	N/A
Labels	N/A
Packing Instruction (Cargo aircraft)	N/A
Packing instruction (Passenger aircraft)	N/A
Environmentally Hazardous	N/A

IMDG-Code

UN number	N/A
Proper shipping name	N/A
Class	N/A
Packing group	N/A
Labels	N/A
EmS code	N/A
Marine pollutant	N/A

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

Contact **Ningbo Yingda Hardware 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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