



Safety Data Sheet

PLEASE NOTE: MSDS/SDS documents are primarily for hazardous chemicals and materials used in the workplace to provide information about their hazards, safe handling and emergency procedures. LED torches, being finished products are exempt from the requirements for MSDS/SDS.

No materials contained in this product is released during normal use and operation. The following information is provided as a service to our customers.

1. Product Identification

- **Product Name:** UV Forensic and UV PRO Forensic Torch and UV PRO Forensic Strip
- **Intended Use:** Inspection, authentication, fluorescence detection, and other UV-related applications
- **Manufacturer:** GLOWTEC LTD
- **Emergency Contact:** 0044 (0)161 726 5904
- **RoHS Compliance:** Meets the EU Restriction of Hazardous Substances (RoHS) Directive 2011/65/EU.

2. Hazard Identification

No hazardous ingredients present in intact product.

Do not look directly into the lit end of the torch or shine into the eyes of others. Avoid prolonged exposure and only use under competent adult supervision.

Health Rating: 0 Flammability Rating: 0 Reactivity Rating: 0

(HMIS Rating Scale: 0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe)

- **Classification According to Regulation (EC) No. 1272/2008 (CLP):** Not classified as hazardous.
- **Eye Damage:** Direct exposure can cause eye irritation, corneal damage, and potential long-term vision impairment.
- **Skin Damage:** Prolonged exposure may result in skin irritation, or increased risk of skin conditions.
- **Material Sensitivity:** Some materials may degrade, weaken, or discolour under prolonged UV light exposure.
- **Electrical Hazard:** Improper battery handling may lead to overheating, leakage, or fire risks.



3. Composition and Ingredients

- **Light Source:** UV LED (365-380nm)
- **Battery Type:** Typically powered by AAA, or rechargeable batteries
- **Housing Material:** Aluminium alloy
- **Protective Lens:** Optical-grade glass or plastic

4. First Aid Measures

- **Eye Exposure:** Not applicable under normal use conditions.
- **Skin Exposure:** Not applicable under normal use conditions.
- **Inhalation:** Not applicable under normal use conditions.
- **Ingestion:** Not applicable; seek medical advice if components are accidentally swallowed.

5. Firefighting Measures

- **Fire Hazards:** Overheated batteries may leak, explode, or catch fire.
- **Extinguishing Media:** Use CO2, dry chemical, or foam extinguisher.
- **Protective Equipment for Firefighters:** Wear self-contained breathing apparatus and protective gear.

6. Accidental Release Measures

- **Battery Leakage:** Use gloves to handle leaking batteries, avoid contact with skin and eyes, and dispose of properly.
- **Broken Components:** Dispose of damaged torch parts according to local electronic waste regulations.
- **Broken Components:** Dispose of damaged torch parts according to UK and EU WEEE (Waste Electrical and Electronic Equipment) Directive 2012/19/EU



7. Handling and Storage

- **Handling:**

Avoid direct exposure of UV light to eyes.

- **Storage:**

Store in a dry, cool place away from direct sunlight and moisture.

Keep out of reach of children.

Remove batteries if not in use for prolonged periods.

8. Exposure Controls and Personal Protection

- **Eye Protection:** UV-blocking safety glasses or goggles recommended.

Please Note: Individuals sensitive to UV light, taking photosensitizing medications, or those who lack optic lenses or who may have other abnormal eye conditions may not be adequately protected against exposure to artificial UV light and should avoid it altogether.

9. Physical and Chemical Properties

- **Appearance:** Compact handheld metal device with UV-emitting LEDs.
- **Odour:** None.
- **Solubility:** Not applicable.
- **Flash Point:** Not applicable.
- **Autoignition Temperature:** Not applicable.

10. Stability and Reactivity

- **Stability:** Stable under normal operating conditions.
- **Incompatible Materials:** Avoid direct exposure to strong acids or solvents.
- **Hazardous Decomposition Products:** Overheated batteries may release toxic fumes.

11. Toxicological Information

- **Acute Toxicity:** Not applicable.
- **Chronic Exposure:** Prolonged UV exposure may increase the risk of eye and skin conditions.
- **Regulatory Reference:** Assessed under UK and EU General Product Safety Directive (GPSD) 2001/95/EC.



12. Ecological Information

- **Environmental Impact:** UV LED torches have minimal environmental impact but must be disposed of properly.
- **Battery Disposal:** Follow local regulations for battery recycling and disposal.

13. Disposal Considerations

- **Torch Disposal:** Dispose of non-functional torches as electronic waste.
- **Battery Disposal:** Follow local UK and EU regulations for battery recycling and disposal per the Battery Directive 2006/66/EC.

14. Transport Information

- **Shipping Regulations:** Not classified as a hazardous material under ADR (EU road transport), IMDG (sea transport), or IATA (air transport) regulations.
- **Handling Precautions:** Protect from excessive heat and moisture during transport.
- **Lithium-Ion Battery Handling:** Must comply with UN 38.3 transport testing requirements.

15. Regulatory Information

Compliance:

- **UK Regulations:** Conforms to UK Health and Safety Executive (HSE) guidelines.
- **EU Regulations:** Compliant with RoHS, WEEE Directives.
- **Product Labelling:** Should include UKCA and CE marking to indicate conformity with UK and EU directives.

16. Other Information

- **Revision Date:** 31/03/25
- **Prepared By:** GLOWTEC LTD
- **Disclaimer:** This SDS is intended for informational purposes only and has been prepared in accordance with UK and EU standards.