

Safety Data Sheet
According to HCS-2012 APPENDIX D TO §1910.1200



Fluorescent material

1. Identification

(a) Product identifier

Product name: Fluorescent material

(b) Other means of identification

Product description: GLOW STICK, GLOW BRACELET, GLOW NECKLACE, GLOW CUP, GLOW WAND WITH ASST COLORS
RED/GREEN/BLUE/YELLOW/PINK/ORANGE/PURPLE/WHITE/A
QUA

(c) Recommended use of the chemical and restrictions on use

Recommended use: Used in decoration.

Restriction on use: No information available.

(d) Details of the supplier of the product

Company name Xiamen Long Afterglow Co.,Ltd
Address: NO.1043, Tong Ji Road, Tong An Area, Xiamen,Fujian Province,
China

E-mail: Tommy@glo-noveltv.com

Telephone: +86-592-3675699

Fax: +86-592-3675400

(e) Emergency phone number

+86-592-3675699

2. Hazard(s) identification

(a) Classification of the chemical

This product is not classified as hazardous.

(b) Label elements

This product is not classified as hazardous.

Pictogram(s): No pictogram is used.

Signal word: No signal word is used.

Hazard statements: No hazard statements.

Precautionary statements: No precautionary statements.

(c) Description of any hazards not otherwise classified

No information available.

(d) Ingredient with unknown acute toxicity

No information available.

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3. Composition/information on ingredients

(a) Mixtures information

Chemical name	CAS No.	Concentration
Dimethyl Phthalate	131-11-3	58.5%
Butyl Benzoate	136-60-7	28.5%
CPPO	75203-51-9	4.7%
Hydrogen Peroxide	7722-84-1	2.2%
H2O	7732-18-5	6.0%
Fluorescer	10075-85-1	0.1%

4. First-aid measures

(a) Description of first aid measures

- Inhalation: Move to fresh air in case of accidental inhalation of vapours or decomposition products. If you feel unwell, seek medical advice.
- Skin contact: Wash off with soap and plenty of water. If skin irritation persists, call a physician.
- Eye contact: Rinse with plenty of water immediately, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.
- Ingestion: Rinse mouth. Do not induce vomiting. Call a physician immediately.

(b) Most important symptoms/effects, acute and delayed

No information available.

(c) Immediate medical attention and special treatment

Treat symptomatically. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

5. Fire-fighting measures

(a) Extinguishing media

- Suitable extinguishing media: Use carbon dioxide, dry extinguishing media, water spray, water.
- Unsuitable extinguishing media: No information available.

(b) Special hazards arising from the chemical

Combustion produces toxic or irritating gases and fumes.

(c) Special protective equipment and precautions for fire-fighters

Firefighters must wear fire resistant protective equipment. Wear self-contained breathing apparatus.



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6. Accidental release measures

(a) Personal precautions, protective equipment and emergency procedures

Handle in accordance with good industrial hygiene and safety practice.

(b) Methods and materials for containment and cleaning up

For large amounts: Transfer product into suitable containers.

For residues: Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr). Dispose of absorbed material in accordance with regulations

7. Handling and storage

(a) Precautions for safe handling

Ensure thorough ventilation of stores and work areas.

(b) Conditions for safe storage, including any incompatibilities

Further information on storage conditions: Containers should be stored tightly sealed in a dry place.

8. Exposure controls/personal protection

(a) Control parameters

Component	OSHA		NIOSH	
	PEL-TWA	PEL-STEL	REL-TWA	REL-STEL
131-11-3	5 mg/m ³	Not Established	5 mg/m ³	Not Established
136-60-7	Not Established	Not Established	Not Established	Not Established
75203-51-9	Not Established	Not Established	Not Established	Not Established
7722-84-1	1.4 mg/m ³	Not Established	1.4 mg/m ³	Not Established
7732-18-5	Not Established	Not Established	Not Established	Not Established
10075-85-1	Not Established	Not Established	Not Established	Not Established

(b) Appropriate engineering controls

Provide local exhaust ventilation system. Ensure compliance with applicable exposure limits.

(c) Personal protective equipment

Respiratory protection: The following respirators and maximum use concentrations are drawn from NIOSH and/or OSHA.

50 mg/m³
Any air-purifying full-facepiece respirator equipped with an N95, R95, or P95 filter. The following filters may also be used: N99, R99, P99, N100, R100 or P100.

125 mg/m³



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Any supplied-air respirator operated in a continuous-flow mode.

Any powered, air-purifying respirator with a high-efficiency particulate filter.

250 mg/m³

Any air-purifying, full-facepiece respirator equipped with an N100, R100, or P100 filter.

Any self-contained breathing apparatus with a full facepiece.

Any supplied-air respirator with a full facepiece.

2000 mg/m³

Any supplied-air respirator with a full facepiece that is operated in a pressure-demand or other positive-pressure mode.

Emergency or planned entry into unknown concentrations or IDLH conditions

Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode.

Any supplied-air respirator with a full facepiece that is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained breathing apparatus operated in pressure-demand or other positive-pressure mode.

Escape

Any air-purifying, full-facepiece respirator equipped with an N100, R100, or P100 filter.

Any appropriate escape-type, self-contained breathing apparatus.

Hand protection:

Wear appropriate chemical resistant gloves.

Eye/face protection:

Wear splash resistant safety goggles. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

Skin/body protection:

Wear appropriate chemical resistant clothing.

9. Physical and chemical properties

(a) Appearance	Liquid
(b) Odor	Not available.
(c) Odor threshold	Not available.
(d) pH	Not available.
(e) Melting point/freezing point	Not available.
(f) Initial boiling point and boiling range	Not available.

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(g) Flash point	>200°F (93.3°C) Closed Cup
(h) Evaporation rate	Not available.
(i) Flammability	No
(j) Upper/lower flammability or explosive limits	Not available.
(k) Vapor pressure	Not available.
(l) Vapor density	Not available.
(m) Relative density	Not available.
(n) Solubility(ies)	Not available.
(o) Partition coefficient: n-octanol/water	Not available.
(p) Auto-ignition temperature	Not available.
(q) Decomposition temperature	Not available.
(r) Viscosity	Not available.

10. Stability and reactivity

(a) Reactivity

Stable under recommended storage and handling conditions (see section 7, handling and storage).

(b) Chemical stability

Stable under normal conditions.

(c) Possibility of hazardous reactions

Will not polymerize.

(d) Conditions to avoid

Avoid heat, flames, sparks and other sources of ignition. Avoid contact with incompatible materials.

(e) Incompatible materials

Acids, bases, oxidizing materials.

(f) Hazardous decomposition products

Carbon monoxide (CO), carbon dioxide (CO₂) and other toxic vapors.

11. Toxicological information

(a) Information on the likely routes of exposure

Inhalation:	Not available.
Ingestion:	Not available.
Skin contact:	Not available.
Eye contact:	Redness.

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(b) Information on toxicological characteristics

Acute toxicity:	131-11-3	Oral LD50 Rat 6800 mg/kg (Source: IUCLID)
	136-60-7	No data available.
	75203-51-9	No data available.
	7722-84-1	Oral LD50 Rat 801 mg/kg (Source: IUCLID) Dermal LD50 Rat 4060 mg/kg (Source: IUCLID); Dermal LD50 Rabbit 2000 mg/kg (Source: IUCLID) Inhalation LC50 Rat 2 g/m ³ 4 h (Source: IUCLID)
	10075-85-1	No data available.
Skin corrosion/irritation:		No data available.
Serious eye damage/irritation:		No data available.
Respiratory sensitization:		No data available.
skin sensitization:		No data available.
Carcinogenicity:		Not listed by IARC and NTP.
Germ Cell Mutagenicity:		No data available.
Reproductive Toxicity:		No data available.
STOT-Single Exposure:		No data available.
STOT-Repeated Exposure:		No data available.
Aspiration Hazard:		No data available.

12. Ecological information

(a) Ecotoxicity

131-11-3	Freshwater Fish: 96 Hr LC50 Pimephales promelas: 39 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 49.5 mg/L; 96 Hr LC50 Lepomis macrochirus: 37 - 69 mg/L [static]; 96 Hr LC50 Pimephales promelas: 121 mg/L [static]; 96 Hr LC50 Leuciscus idus: 100 - 220 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 56 mg/L [flow-through] Water Flea: 48 Hr EC50 Daphnia magna: 33 mg/L Freshwater Algae: 96 Hr EC50 Pseudokirchneriella subcapitata: 20.6 - 45.8 mg/L; 72 Hr EC50 Pseudokirchneriella subcapitata:
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	28.4 - 71 mg/L; 96 Hr EC50 Pseudokirchneriella subcapitata: 142 mg/L [static]; 96 Hr EC50 Skeletonema costatum: 26.1 mg/L; 72 Hr EC50 Desmodesmus subspicatus: 204 mg/L
136-60-7	No data available.
75203-51-9	No data available.
7722-84-1	Freshwater Fish: 96 Hr LC50 Pimephales promelas: 16.4 mg/L; 96 Hr LC50 Lepomis macrochirus: 18 - 56 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 10.0 - 32.0 mg/L [static] Water Flea: 24 Hr EC50 Daphnia magna: 7.7 mg/L; 48 Hr EC50 Daphnia magna: 18 - 32 mg/L [Static] Freshwater Algae: 72 Hr EC50 Chlorella vulgaris: 2.5 mg/L
10075-85-1	No data available.

(b) Persistence and Degradability

Based on best current information, there is no data known associated with this product.

(c) Bioaccumulative potential

Based on best current information, there is no data known associated with this product.

(d) Mobility in soil

Based on best current information, there is no data known associated with this product.

(e) Other adverse effects

No information available.

13. Disposal considerations

(a) Safe handling and methods of disposal

Subject to disposal regulations: U.S. EPA 40 CFR 262. Hazardous Waste Number(s): U102. Dispose in accordance with all applicable regulations.

14. Transport information

(a) UN number	Not regulated as dangerous goods.
(b) UN Proper shipping name	Not regulated as dangerous goods.
(c) Transport hazard class(es)	Not regulated as dangerous goods.
(d) Packing group (if applicable)	Not regulated as dangerous goods.
(e) Marine pollutant (Yes/No)	No
(f) Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)	No information available.
(g) Special precautions	No information available.

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15. Regulatory information

(a) Safety, health and environmental regulations specific for the product in question

CAS No.	USA TSCA	EU EINECS	Korea ECL	China IECSC	Canada DSL
131-11-3	Listed	Listed	Listed	Listed	Listed
136-60-7	Listed	Listed	Listed	Listed	Listed
75203-51-9	Not listed	Listed	Listed	Not listed	Not listed
7722-84-1	Listed	Listed	Listed	Listed	Listed
7732-18-5	Listed	Listed	Listed	Listed	Listed
10075-85-1	Listed	Listed	Listed	Not listed	NDSL

Remark: The above-mentioned search results are based on the Non-Confidential Inventory.

16. Other information, including date of preparation or last revision

(a) Preparation and revision information

Date of previous revision: Not applicable. Date of this revision: 23/12/2013

Revision summary: The first New SDS

(b) Abbreviations and acronyms

NIOSH	The National Institute for Occupational Safety and Health
OSHA	The United States Occupational Safety and Health Administration
TWA	time-weighted average
STEL	Short term exposure limit
TSCA	Toxic Substances Control Act, The American chemical inventory
DSL	Domestic Substances List
EINECS	European Inventory of Existing Commercial chemical Substances
ECL	Existing Chemicals List, the Korean chemical inventory
IECSC	Inventory of existing chemical substances in China
IARC	International agency for research on cancer
NTP	National Toxicology Program

(c) Disclaimer

The information in this SDS is provided all the relevant data fully and truly. However, the information is provided without any warranty on their absolute extensiveness and accuracy. This SDS was prepared to provide safety preventive measures for the users who have got professional training. The personal user who obtained this SDS should make independent judgment for the applicability of this SDS under special conditions. In these special cases, we do not assume responsibility for the damage.

----- End of the SDS -----

