

# SAFETY DATA SHEET

Issuing Date 07-JUNE-2016

Revision Number 1

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

#### **Product Name**

GLOW STICK, GLOW BRACELET, GLOW NECKLACE, GLOW EARRINGS, GLOW EYEGGLASS WITH ASST COLORS RED/GREEN/BLUE/YELLOW/PINK/ORANGE/PURPLE/WHITE /AQUA

### Other means of identification

#### **Synonyms**

GLOW STICK, GLOW BRACELET, GLOW NECKLACE, GLOW EARRINGS, GLOW EYEGGLASS WITH ASST COLORS RED/GREEN/BLUE/YELLOW/PINK/ORANGE/PURPLE/WHITE/AQUA

### Recommended use of the chemical and restrictions on use

#### **Recommended Use**

Used in decoration

#### **Uses advised against**

No information available.

### Details of the supplier of the safety data sheet

#### **Supplier Address**

Company name Xiamen Long Afterglow Co., Ltd  
Address: NO.1043, Tong Ji Road, Tong An Area, Xiamen, Fujian Province, China  
E-mail: sales@glo-noveltv.com  
Telephone: +86-592-3675699  
Fax: +86-592-3675400

### Emergency telephone number

#### **Company Emergency Phone Number**

+86-592-3675699

## 2. HAZARDS IDENTIFICATION

### Classification

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

### GHS Label elements, including precautionary statements

#### Emergency Overview

The product contains no substances which at their given concentration, are considered to be hazardous to health

#### **Precautionary Statements - Prevention**

Obtain special instructions before use

#### **Precautionary Statements - Response**

None

#### **Precautionary Statements - Storage**

None

#### **Precautionary Statements - Disposal**

None

#### **Hazards not otherwise classified (HNOC)**

Not Applicable

#### **Other information**

No information available.

#### **Interactions with Other Chemicals**

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %	Trade Secret
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%	

\* The exact percentage (concentration) of composition has been withheld as a trade secret

## 4. FIRST AID MEASURES

### First aid measures

#### **Eye Contact**

Wash off with soap and plenty of water. If skin irritation persists, call a physician.

#### **Skin Contact**

Wash off with soap and plenty of water. If skin irritation persists, call a physician.

#### **Inhalation**

Move to fresh air in case of accidental inhalation of vapours or decomposition products. If you feel unwell, seek medical advice.

#### **Ingestion**

Rinse mouth. Do not induce vomiting. Call a physician immediately.

#### **Protection of First-aiders**

### Most important symptoms and effects, both acute and delayed

**Most Important Symptoms/Effects** . No information available.

### Indication of any immediate medical attention and special treatment needed

**Notes to Physician** . Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

. Use carbon dioxide, dry extinguishing media, water spray, water.

### Unsuitable Extinguishing Media

. No information available.

### Specific Hazards Arising from the Chemical

. Combustion produces toxic or irritating gases and fumes.

**Uniform Fire Code**  
**Combustible Liquid: III-B**

### Hazardous Combustion Products

. Carbon oxides.

### Explosion Data

**Sensitivity to Mechanical Impact** No

**Sensitivity to Static Discharge** No

### Protective Equipment and Precautions for Firefighters

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

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal Precautions** . Avoid contact with eyes.

### **Other Information**

### Environmental precautions

**Environmental Precautions** Refer to protective measures listed in Sections 7 and 8

### Methods and material for containment and cleaning up

**Methods for Containment** . Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up** 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

### Precautions for safe handling

**Handling** Ensure thorough ventilation of stores and work areas.

### Conditions for safe storage, including any incompatibilities

**Storage** Keep container tightly closed.

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

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

### **Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
131-11-3	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>
136-60-7	Not Established	Not Established	Not Established
75203-51-9	Not Established	Not Established	Not Established
7722-84-1	1.4 mg/m <sup>3</sup>	1.4 mg/m <sup>3</sup>	1.4 mg/m <sup>3</sup>
7732-18-5	Not Established	Not Established	Not Established
10075-85-1	Not Established	Not Established	Not Established

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

### Appropriate engineering controls

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

### Individual protection measures, such as personal protective equipment

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

<b>Skin and Body Protection</b>	Wear appropriate chemical resistant clothing.
<b>Respiratory Protection</b>	<p>The following respirators and maximum use concentrations are drawn from NIOSH and/or OSHA.</p> <p>50 mg/m<sup>3</sup> 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.</p> <p>125 mg/m<sup>3</sup> Any supplied-air respirator operated in a continuous-flow mode. Any powered, air-purifying respirator with a high-efficiency particulate filter.</p> <p>250 mg/m<sup>3</sup> 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.</p> <p>2000 mg/m<sup>3</sup> 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.</p> <p>Escape Any air-purifying, full-facepiece respirator equipped with an N100, R100, or P100 filter. Any appropriate escape-type, self-contained breathing apparatus.</p>
<b>Hygiene Measures</b>	Wear appropriate chemical resistant gloves.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties

<b>Physical State</b>	Not available.		
<b>Appearance</b>	Not available.	<b>Odor</b>	Not available.
<b>Color</b>	Liquid	<b>Odor Threshold</b>	Not available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>
pH	Not available.	
Melting/freezing point	Not available.	
Boiling Point/Range	Not available.	
Flash Point	>200°F (93.3°C) Closed Cup	
Evaporation rate	No data available	
Flammability (solid, gas)	No data available	
Flammability Limits in Air	NO	
Vapor pressure	No data available	
Vapor density	No data available	
Specific Gravity	No data available	
Water Solubility	Soluble in water.	
Solubility in other solvents	No data available	
Partition coefficient: n-octanol/water		
Autoignition temperature		
Decomposition temperature	No data available	
Kinematic viscosity	No data available	
Dynamic viscosity		
Explosive Properties	No data available	
Oxidizing Properties	No data available	
 <u>Other Information</u>		
Softening Point	No data available	
VOC Content (%)	No data available	
Particle Size	No data available	
Particle Size Distribution	No data available	

## 10. STABILITY AND REACTIVITY

### Reactivity

. Stable under recommended storage

### Chemical stability

Stable under normal conditions.

### Possibility of Hazardous Reactions

Will not polymerize.

### Hazardous Polymerization

Hazardous polymerization does not occur.

### Conditions to avoid

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

### Incompatible materials

Acids, bases, oxidizing materials..

### Hazardous Decomposition Products

Carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>) and other toxic vapors.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

Inhalation	Not available.
Eye Contact	Redness.
Skin Contact	Not available.
Ingestion	Not available.

#### Component Information

### Information on toxicological effects

Symptoms	No information available
Sensitization	No information available
Mutagenic Effects	No information available
Carcinogenicity	Not listed by IARC and NTP.

Chemical Name	ACGIH	IARC	NTP	OSHA

**ACGIH:** (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

**IARC:** (International Agency for Research on Cancer)

Group 3 - Not Classifiable as to Carcinogenicity in Humans

#### Reproductive Toxicity

STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Chronic Toxicity	
Target Organ Effects	

Aspiration Hazard	No information available.
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### Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document

**ATEmix (oral)**

6,565.00 mg/kg

**ATEmix (dermal)**

50,000.00 mg/kg (ATE)

**ATEmix (inhalation-dust/mist)**

50.00 mg/L

**ATEmix (inhalation-vapor)**

275.00ATEmix

## 12. ECOLOGICAL INFORMATION

### 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: 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

No data available.

No data available.

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.

No data available.

136-60-7

75203-51-9

7722-84-1

10075-85-1

### Persistence and Degradability

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

### Bioaccumulation

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

### Other Adverse Effects

No information available

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

Subject to disposal regulations: U.S. EPA 40 CFR 262. Hazardous Waste Number(s):

U102. Dispose in accordance with all applicable regulations.

Chemical Name	California Hazardous Waste

## 14. TRANSPORT INFORMATION

### DOT

Proper Shipping Name  
Hazard Class

Not regulated

Not regulated as dangerous goods.

Not regulated as dangerous goods.

### TDG



**14. TRANSPORT INFORMATION****MEX** Not regulated as dangerous goods.**ICAO** Not regulated as dangerous goods.**IATA**  
**Proper Shipping Name** Not regulated as dangerous goods.  
**Hazard Class** Not regulated as dangerous goods.**IMDG/IMO**  
**Hazard Class** Not regulated as dangerous goods.**RID** Not regulated as dangerous goods.**ADR** Not regulated as dangerous goods.**ADN** Not regulated as dangerous goods.**15. REGULATORY INFORMATION****International Inventories**TSCA Complies  
DSL All components are listed either on the DSL or NDSLTSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List**U.S. Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

**SARA 311/312 Hazard Categories**

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

**Clean Water Act****CERCLA**

This material, as supplied, contains no substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

**U.S. State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Dimethyl Phthalate	X	X	X		X
Butyl Benzoate				X	

**International Regulations**

Canada

WHMIS Hazard Class

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	Health Hazard 0	Flammability 0	Instability 0	Physical and Chemical Hazards -
<b><u>HMIS</u></b>	Health Hazard 0	Flammability 0	Physical Hazard 0	Personal Protection X

Prepared By XIAMEN LONG AFTERGLOW CO.

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Revision Note No information available

**General Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of Safety Data Sheet**