

## Safety Data Sheet (SDS)

**Sample Name:** Please refer to next page(s).

**Client Name:** Sinoglow Industrial Co., Ltd.

**Client Address:** No. 10, Weier Road, Tanshan Industrial Park, Nanjing, Jiangsu, China

Signed for and on behalf of  
Euronex (Dongguan) Consumer Products Testing Service Co., Ltd



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## Safety Data Sheet

### Section 1 - Chemical Product and Company Identification

**Sample Name:** Please refer to next page(s).

**Client Name:** Sinoglow Industrial Co., Ltd.

**Client Address:** No. 10, Weier Road, Tanshan Industrial Park, Nanjing, Jiangsu, China

**Tel.:** +86 25 8336 1800

**Emergency Tel.:** +86 138 0158 4422

**Email:** support@sinoglow.com

### Section 2 - Hazards Identification

#### Classification of substance or mixture

In accordance with US occupational safety and health administration (OSHA) hazard transfer standard HCS/HazCom 2012 Final Rule Appendices, the sample is not divided into dangerous article.

#### Information concerning particular hazards for human and environment:

The product has not to be labelled due to the calculation procedure of US occupational safety and health administration (OSHA) hazard transfer standard HCS/HazCom 2012 Final Rule Appendices.

#### Classification system:

The classification is according to US occupational safety and health administration (OSHA) hazard transfer standard HCS/HazCom 2012 Final Rule Appendices, and extended by company and literature data.

#### Label elements

**Labelling according to US occupational safety and health administration (OSHA) hazard transfer standard HCS/HazCom 2012 Final Rule Appendices:** Not applicable

**Hazard pictograms:** Not applicable

**Signal word:** Not applicable

**Hazard- determining components of labelling:** Not applicable

**Hazard statement:** Not applicable

**Precautionary statements:** Not applicable

#### Other hazards

#### Results of PBT and vPvB assessment

**PBT:** Not applicable

**vPvB:** Not applicable






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### Section 3 –Composition/Information on Ingredient

Pure  Admixture





Composition:

**No.1 Sample Name:** Aqua Glow Stick

Composition:		
CAS: 131-11-3 EINECS: 205-011-6	dimethyl phthalate substance with a Community workplace exposure limit	58%
CAS: 77-90-7 EINECS: 201-067-0	acetyl tri-n-butyl citrate	28.5%
CAS: 75203-51-9 EINECS: 278-124-1	Bis[2,3,5-trichloro-6-[(pentyloxy)carbonyl]phenyl] oxalate	5.7%
CAS: 7722-84-1 EINECS: 231-765-0 Index number: 008-003-00-9	Hydrogen peroxide  Ox. Liq. 1, H271;  Skin Corr. 1A, H314;  Acute Tox. 4, H302; Acute Tox. 4, H332	2.04%
CAS: 7732-18-5 EINECS: 231-791-2	water	5.64%
CAS: 110904-87-5	9, 10-Bis(4-methoxyphenyl)-2-chloroanthracene  Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	0.098%
CAS: 10075-85-1	9,10-Bis(phenylvinyl)anthracene  Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	0.022%





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**No.2 Sample Name:** Blue Glow Stick

<b>Composition:</b>		
CAS: 131-11-3 EINECS: 205-011-6	dimethyl phthalate substance with a Community workplace exposure limit	58%
CAS: 77-90-7 EINECS: 201-067-0	acetyl tri-n-butyl citrate	28.5%
CAS: 75203-51-9 EINECS: 278-124-1	Bis[2,3,5-trichloro-6-[(pentyloxy)carbonyl]phenyl] oxalate	5.7%
CAS: 7722-84-1 EINECS: 231-765-0 Index number: 008-003-00-9	Hydrogen peroxide  Ox. Liq. 1, H271;  Skin Corr. 1A, H314;  Acute Tox. 4, H302; Acute Tox. 4, H332	2.04%
CAS: 7732-18-5 EINECS: 231-791-2	water	5.64%
CAS: 110904-87-5	9, 10-Bis(4-methoxyphenyl)-2-chloroanthracene  Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	0.12%





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**No.3 Sample Name:** Green Glow Stick

Composition:		
CAS: 131-11-3 EINECS: 205-011-6	dimethyl phthalate substance with a Community workplace exposure limit	58%
CAS: 77-90-7 EINECS: 201-067-0	acetyl tri-n-butyl citrate	28.5%
CAS: 75203-51-9 EINECS: 278-124-1	Bis[2,3,5-trichloro-6-[(pentyloxy)carbonyl]phenyl] oxalate	5.7%
CAS: 7722-84-1 EINECS: 231-765-0 Index number: 008-003-00-9	Hydrogen peroxide  Ox. Liq. 1, H271;  Skin Corr. 1A, H314;  Acute Tox. 4, H302; Acute Tox. 4, H332	2.04%
CAS: 7732-18-5 EINECS: 231-791-2	water	5.64%
CAS: 10075-85-1	9,10-Bis(phenylvinyl)anthracene  Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	0.12%






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**No.4 Sample Name:** Orange Glow Stick

<b>Composition:</b>		
CAS: 131-11-3 EINECS: 205-011-6	dimethyl phthalate substance with a Community workplace exposure limit	58%
CAS: 77-90-7 EINECS: 201-067-0	acetyl tri-n-butyl citrate	28.5%
CAS: 75203-51-9 EINECS: 278-124-1	Bis[2,3,5-trichloro-6-[(pentyloxy)carbonyl]phenyl] oxalate	5.7%
CAS: 7722-84-1 EINECS: 231-765-0 Index number: 008-003-00-9	Hydrogen peroxide  Ox. Liq. 1, H271;  Skin Corr. 1A, H314;  Acute Tox. 4, H302; Acute Tox. 4, H332	2.04%
CAS: 7732-18-5 EINECS: 231-791-2	water	5.64%
CAS: 82953-57-9	N,N'-bis-(2,6-Diisopropylphenyl)-3,4,9,10-tetracarboxdiimide  Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	0.12%





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**No.5 Sample Name:** Pink Glow Stick

<b>Composition:</b>		
CAS: 131-11-3 EINECS: 205-011-6	dimethyl phthalate substance with a Community workplace exposure limit	58%
CAS: 77-90-7 EINECS: 201-067-0	acetyl tri-n-butyl citrate	28.5%
CAS: 75203-51-9 EINECS: 278-124-1	Bis[2,3,5-trichloro-6-[(pentyloxy)carbonyl]phenyl] oxalate	5.7%
CAS: 7722-84-1 EINECS: 231-765-0 Index number: 008-003-00-9	Hydrogen peroxide  Ox. Liq. 1, H271;  Skin Corr. 1A, H314;  Acute Tox. 4, H302; Acute Tox. 4, H332	2.04%
CAS: 7732-18-5 EINECS: 231-791-2	water	5.64%
CAS: 110904-87-5	9, 10-Bis(4-methoxyphenyl)-2-chloroanthracene  Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	0.098%
CAS: 123174-58-3	N,N'-Bis (2,6-diisopropylphenyl)-1, 6, 7, 12-tetraphenoxyperylene-3,4: 9,10-tetracarboxdiimide  Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	0.022%

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**No.6 Sample Name:** Purple Glow Stick

Composition:		
CAS: 131-11-3 EINECS: 205-011--6	dimethyl phthalate substance with a Community workplace exposure limit	58%
CAS: 77-90-7 EINECS: 201-067-0	Tributyl O-acetylcitrate	28.5%
CAS: 75203-51-9 EINECS: 278-124-1	Bis[2,3,5-trichloro-6-[(pentyloxy)carbonyl]phenyl] oxalate	5.7%
CAS: 7722-84-1 EINECS: 231-765-0 Index number: 008-003-00-9	Hydrogen peroxide  Ox. Liq. 1, H271;  Skin Corr. 1A, H314;  Acute Tox. 4, H302; Acute Tox. 4, H332	2.04%
CAS: 7732-18-5 EINECS: 231-791-2	water	5.64%
CAS: 1499-10-1	9,10-Diphenylanthracene	0.098%
CAS: 123174-58-3	N,N'-Bis (2,6-diisopropylphenyl)-1, 6, 7, 12-tetraphenoxyperylene-3,4: 9,10-tetracarboxdiimide  Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	0.022%

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**No.7 Sample Name:** Red Glow Stick

Composition:		
CAS: 131-11-3 EINECS: 205-011-6	dimethyl phthalate substance with a Community workplace exposure limit	58%
CAS: 77-90-7 EINECS: 201-067-0	acetyl tri-n-butyl citrate	28.5%
CAS: 75203-51-9 EINECS: 278-124-1	Bis[2,3,5-trichloro-6-[(pentyloxy)carbonyl]phenyl] oxalate	5.7%
CAS: 7722-84-1 EINECS: 231-765-0 Index number: 008-003-00-9	Hydrogen peroxide  Ox. Liq. 1, H271;  Skin Corr. 1A, H314;  Acute Tox. 4, H302; Acute Tox. 4, H332	2.04%
CAS: 7732-18-5 EINECS: 231-791-2	water	5.64%
CAS: 123174-58-3	N,N'-Bis (2,6-diisopropylphenyl)-1, 6, 7, 12-tetraphenoxyperylene-3,4: 9,10-tetracarboxdiimide  Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	0.12%





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**No.8 Sample Name:** White Glow Stick

Composition:		
CAS: 131-11-3 EINECS: 205-011-6	dimethyl phthalate substance with a Community workplace exposure limit	58%
CAS: 77-90-7 EINECS: 201-067-0	acetyl tri-n-butyl citrate	28.5%
CAS: 75203-51-9 EINECS: 278-124-1	Bis[2,3,5-trichloro-6-[(pentyloxy)carbonyl]phenyl] oxalate	5.7%
CAS: 7722-84-1 EINECS: 231-765-0 Index number: 008-003-00-9	Hydrogen peroxide  Ox. Liq. 1, H271;  Skin Corr. 1A, H314;  Acute Tox. 4, H302; Acute Tox. 4, H332	2.04%
CAS: 7732-18-5 EINECS: 231-791-2	water	5.64%
CAS: 110904-87-5	9, 10-Bis(4-methoxyphenyl)-2-chloroanthracene  Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	0.098%
CAS: 41105-35-5	1-Chloro-9,10-bis(phenylethynyl)anthracene  Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	0.011%
CAS: 82953-57-9	Anthra[2,1,9-def:6,5,10-d'e'f]diisoquinoline-1,3,8,10(2H,9H)-tetrone, 2,9-bis[2,6-bis(1-methylethyl)phenyl]	0.011%

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**No.9 Sample Name:** Yellow Glow Stick

Composition:		
CAS: 131-11-3 EINECS: 205-011-6	dimethyl phthalate substance with a Community workplace exposure limit	58%
CAS: 77-90-7 EINECS: 201-067-0	acetyl tri-n-butyl citrate	28.5%
CAS: 75203-51-9 EINECS: 278-124-1	Bis[2,3,5-trichloro-6-[(pentyloxy)carbonyl]phenyl] oxalate	5.7%
CAS: 7722-84-1 EINECS: 231-765-0 Index number: 008-003-00-9	Hydrogen peroxide  Ox. Liq. 1, H271;  Skin Corr. 1A, H314;  Acute Tox. 4, H302; Acute Tox. 4, H332	2.04%
CAS: 7732-18-5 EINECS: 231-791-2	water	5.64%
CAS: 41105-35-5	1-Chloro-9,10-bis(phenylethynyl)anthracene  Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	0.12%

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### Section 4 - First Aid Measures

#### Description of first aid measures

**After inhalation:** Supply fresh air; consult doctor in case of complaints.

**After skin contact:**

Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.

**After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**After swallowing:**

Rinse out mouth with water.

Never give anything by mouth to an unconscious person. Call for a doctor immediately.

**Most important symptoms and effects, both acute and delayed:** No further relevant information available.

**Indication of any immediate medical attention and special treatment needed:**

No further relevant information available.

**Most important symptoms and effects, both acute and delayed:** No further relevant information available.

**Indication of any immediate medical attention and special treatment needed:**

No further relevant information available.

### Section 5 - Fire Fighting Measures

**Danger characteristic:** In open flame, high heat combustible.

**Hazardous combustion products:** CO, CO<sub>2</sub>, smoke

**Fire-Fighting method & media:** The staff must equip with filtermask (full mask) or isolated breathing apparatus.

The staff must wear the clothes which can defense the fire and the toxic gas. Put out the fire in the upwind direction. Remove the container to the open space as soon as possible. Spray water on the containers in the fireplace to keep them cool until finish extinguishment. Media: hazy water, foam, powder, CO<sub>2</sub>, sandy clay.

### Section 6 –Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures:**

Ensure adequate ventilation. Keep away from ignition sources.

Use respiratory protective device against the effects of fumes/dust/aerosol. Avoid contact with eyes.

Avoid contact with skin.

**Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

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### Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13.

### Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

## Section 7 - Handling and Storage

**Handling:** Supply with sufficient partial air exhaust. Keep receptacles tightly sealed. Keep away from heat and direct sunlight. The operating staff must have received special training and abide by the operating regulations. It is advised that the staff wear self-contained breathing dust respirator, protective gloves, and working clothes. Keep away from fire and heating sources. No smoking in the workplace. Prevent formation of aerosols. Avoid contact with skin and eyes. Prevent contacting with oxidizer and acid. Equip with relevant types and quantities of the extinguishment instruments and devices for divulgence handling.

**Storage:** Stored in dry place And well packed, damp proof, natural ventilation. Store away from foodstuffs. Do not store together with oxidising and acidic materials. Keep away from fire and heating sources. Equip with relevant types and quantities of the extinguishment instruments.

## Section 8 - Exposure Controls, Personal Protection

**Maximum admissible concentration:** No standard yet

**Monitoring Method:** None.

**Engineering Control:** To supply with sufficient air exhaust.

**Respiratory Protection:** When the concentration in the air exceeds the standard, it is recommended to wear self-priming filter dust mask. Emergency rescue or evacuation, air breathing apparatus should be worn.

**Eyes Protection:** Wear Tightly sealed goggles.



**Hands Protection:** Wear rubber and oil resistant gloves.



**Body Protection:** Wear protective overalls.

**Other Protections:** No smoking, dining and drinking water in the workplace. Keep good habit of hygiene. Maintain good hygiene. Provide shower and eyewash facilities.

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### Section 9 - Physical and Chemical Properties

**Appearance:** Liquid.

**Color:** Aqua, Blue, Green, Orange, Pink, Purple, Red, White, Yellow .

**Odour:** Odourless.

**Chemical properties:** Preparation

**Odour threshold:** Data not available

**pH - value:** Data not available

**Change in condition**

**Melting point/freezing point:** Data not available

**Initial boiling point and boiling range:** Data not available

**Freezing point:** Data not available

**Flash point:** Data not available

**Flammability (solid, gas):** Not available

**Auto-ignition temperature:** Data not available

**Decomposition temperature:** Data not available

**Self-igniting:** Product is not selfigniting.

**Explosive properties:** Product does not present an explosion hazard.

**Explosion limits:**

**Lower:** Data not available

**Upper:** Data not available

**Oxidising properties:** Data not available

**Vapour pressure:** Data not available

**Density:** Data not available

**Relative density:** Data not available

**Vapour density:** Data not available

**Evaporation rate:** Data not available

**Solubility in / Miscibility with water:** Data not available

**Partition coefficient:** n-octanol/water: Data not available

**Viscosity:**

**Dynamic:** Data not available

**Kinematic:** Data not available

**Other information:** No further relevant information available

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### Section 10 - Stability and Reactivity

**Stability:** Stable under normal temperature and pressure.

**Distribution of Ban:** Strong oxidizer, strong acid.

**Conditions to Avoid:** Fire, high temperature.

**Hazardous Polymerization:** None.

**Hazardous Decomposition Products:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### Section 11 - Toxicological Information

#### Information on toxicological effects

**Acute toxicity:** Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:		
<b>131-11-3 dimethyl phthalate</b>		
Oral	LD50	6800 mg/kg (rat)
Dermal	LD50	> 23800 mg/kg (rabbit)
<b>7722-84-1 hydrogen peroxide</b>		
Oral	LD50	376 mg/kg (rat)
Dermal	LD50	3000 mg/kg (rat)
Inhalative	LC50/4 h	2 mg/l (rat)

**Skin corrosion/irritation:** Based on available data, the classification criteria are not met.

**Serious eye damage/irritation:** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitisation:** Based on available data, the classification criteria are not met.

**Germ cell mutagenicity:** Based on available data, the classification criteria are not met.

**Carcinogenicity:** Based on available, the classification criteria are not met.

**Reproductive toxicity:** Based on available data, the classification criteria are not met.

**STOT-single exposure:** Based on available data, the classification criteria are not met.

**STOT-repeated exposure:** Based on available data, the classification criteria are not met.

**Aspiration hazard:** Based on available data, the classification criteria are not met.

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### Section 12 - Ecological Information

#### Toxicity

**Aquatic toxicity:** No further relevant information available.

**Persistence and degradability:** No further relevant information available.

**Bioaccumulative potential:** No further relevant information available.

**Mobility in soil:** No further relevant information available.

#### Result of PBT and vPvB assessment:

**PBT:** Not applicable.

**vPvB:** Not applicable.

**Other adverse effects:** No further relevant information available.

#### Additional ecological information:

##### General notes:

Water hazard less 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

### Section 13 - Disposal Considerations

**Nature of waste:** This product is not regarded as hazardous waste, as defined by US occupational safety and health administration (OSHA) hazard transfer standard HCS/HazCom 2012 Final Rule Appendices.

**Waste disposal methods:** Refer to National or Local regulations before handling.

**Attention abandoned:** Do not dispose of this product by discharging it into the sewer.

### Section 14 - Transport Information

N

<b>UN-Number</b>	Not applicable
<b>ADR/RID/ADN, IMGD, IATA</b>	
<b>UN proper shipping name</b>	Not applicable
<b>ADR/RID/ADN, IMGD, IATA</b>	
<b>Transport hazard class(es)</b>	Not applicable
<b>ADR/RID/ADN, IMGD, IATA Class</b>	
<b>Packing group</b>	Not applicable
<b>ADR/RID/ADN, IMGD, IATA</b>	

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<b>Environmental hazards</b>	Not applicable
<b>Special precautions for user</b>	Not applicable
<b>Transport in bulk according to Annex II of Marpol and the IBC code</b>	Not applicable
<b>Transport/Additional information:</b>	Not dangerous according to the above specifications.

**Transport fashion:** By air, sea, rail,highway.

**Transport Attentions:** Examine whether the package of the containers are integrated or not before transport. No divulgence, no collapse, no precipitation or no damage during the course of transportation. Don't put the goods together with oxidizer and strong acid. The transport vehicle and ship must be cleaned and sterilized otherwise it is not allowed to assemble articles. During transport, the vehicle should prevent exposure, rain and high temperature. For stopovers, the vehicle should be away from fire and heat sources. When transported by sea, the assemble place should keep away from bedroom and kitchen, and isolated from the engine room, power and fire source.

### Section 15 - Regulatory Information

**Regulatory Information:** ISO 11014-2009 Safety data sheet for chemical products - Content and order of sections.

US occupational safety and health administration (OSHA) hazard transfer standard HCS/HazCom 2012 Final Rule Appendices, and Comparison Documents.

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### Section 16 - Additional Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier, nor any its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**ADR:** Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

**IMGD:** International Maritime Code for Dangerous Goods

**IATA:** International Air Transport Association

**CAS:** Chemical Abstracts Service (division of the American Chemical Society)

**LC50:** Lethal concentration, 50 percent

**LD50:** Lethal dose, 50percent

**PBT:** Persistent, Bioaccumulative and Toxic

**vPvB:** very persistent and very Bioaccumulative

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