

# MATERIAL SAFETY DATA SHEET — 16 Sections

## SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier Glow sticks		[WHMIS Classification] Toy	
Product Use Parties			
Manufacturer's Name Zhangzhou Top Brite Industry Trade Co.,Ltd		Supplier's Name	
Street Address No.23-5,Longchi Avenue,Jiao Mei Town, Zhangzhou Taiwanese Investment Zone		Street Address	
City Zhangzhou	Province Fujian	City	Province
Postal Code 363107	Emergency Telephone 86-696-6783101	Postal Code	Emergency Telephone
Date MSDS Prepared 2022-05	MSDS Prepared By Native Prize Limited/Eva	Phone Number 86-13860101334	

## SECTION 2 — HAZARDS IDENTIFICATION

Inhalation: NA,Product cannot be inhaled.
Ingestion: NA, Product cannot be ingested
Route of Entry <input checked="" type="checkbox"/> Skin Contact <input type="checkbox"/> Skin Absorption <input checked="" type="checkbox"/> Eye Contact <input checked="" type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Ingestion
Skin Contact: NO Adverse effects expected
Eye Contact: May cause irritation via mechanical action only
Emergency Overview: If ingested may cause some irritation to the mouth and upper digestive tract. Unlikely to cause damage to internal organs following skin contact. Inhalation of the vapour may cause irritation to the nose and upper respiratory tract.
WHMIS Symbols] Not Applicable
Potential Health Effects
Carcinogenic: IARC-NOT APPLICABLE,NTP- NOT APPLICABLE , OSHA- NOT APPLICABLE

## SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients ( <i>specific</i> )	%	CAS Number	LD <sub>50</sub> of Ingredient ( <i>specify species and route</i> )	LC <sub>50</sub> of Ingredient ( <i>specify species</i> )
Chemiluminescer				
DIMETHYL PHTHALATE	86.5	131-11-3	Not Applicable	Not Applicable
cppo	5.64	75203-51-9	Not Applicable	Not Applicable
BLUE : Fluorescer	0.12	110904-87-5	Not Applicable	Not Applicable
Red: Fluorescer		123174-58-3		
Green : Fluorescer		10075-85-1		
Yellow: Fluorescer		41105-35-5		
Fluorescer		517-51-1		
Orange: Fluorescer		41105-35-5		
Fluorescer		112100-07-9		
Aqua: Fluorescer	110904-87-5			
Fluorescer	10075-85-1			

Pink: Fluorescer Fluorescer		110904-87-5 123174-58-3		
Purple: Fluorescer Fluorescer		123174-58-3 1499-10-1		
White: Fluorescer Fluorescer		41105-35-5 82953-57-9		
Hydrogen Peroxide water	2.04 5.7	7722-84-1 7732-18-5	Not Applicable Not Applicable	Not Applicable Not Applicable

#### SECTION 4 — FIRST AID MEASURES

skin Contact: In cases of skin contact, wash the skin with soap and water. Seek medical attention if skin appears damaged.

Eye Contact :In cases of eye contact, immediately wash out the eye with plenty of water for at least 10 minutes, holding the eye open. Seek medical attention if symptoms persist.

Inhalation: In cases of inhalation, remove from exposure. Keep warm and at rest.

Ingestion If Ingested, wash out the mouth with water. Do not induce vomiting. Seek Medical advice.

SAMPLE FORMAT PROVIDED BY THE WORKERS' COMPENSATION BOARD OF BRITISH COLUMBIA

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## SECTION 5 — FIRE FIGHTING MEASURES

Flammable <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, under which conditions?	
Means of Extinction In case of fire use powder, foam, sand, water spray, carbon dioxide		
Flashpoint (° C) and Method >200°F (93.3°C) Closed Cup	Upper Flammable Limit (% by volume) Not Applicable	Lower Flammable Limit (% by volume) Not Applicable
Autoignition Temperature (°C) Not Applicable	Explosion Data — Sensitivity to Impact Not Applicable	Explosion Data — Sensitivity to Static Discharge Not Applicable
Hazardous Combustion Products: CARBON DIOXIDE, CARBON MONOXIDE, OXIDES OF NITROGEN		
[NFPA] 704		

## SECTION 6 — ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures
Cover spills with inert absorbent material; sweep up and place in waste disposal container. Flush area with water.

## SECTION 7 — HANDLING AND STORAGE

Handling Procedures and Equipment
Use in a well ventilated area
Storage Requirements
Do not store close to strong oxidising agents which could aggravate any fire situation
Do not store product in direct sunlight.
Store in the containers, as supplied, at between 5 and 40 degrees Centigrade.

## SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits	<input type="checkbox"/> ACGIH TLV	<input type="checkbox"/> OSHA PEL	<input checked="" type="checkbox"/> Other (specify)
Dimethyl phthalate: Long term exposure ( 8 h TWA reference period) 5 mg/m3 Short term exposure (15 min reference period ) 10 mg/m3.			
2-methylpropan-2-ol: Long term exposure ( 8 h TWA) 100ppm / 308 mg/m3 Short term exposure (15 min) 150ppm / 462mg/m3			
Hydrogen Peroxide: 8 hr TWA 1.4 mg/m3, 15 min STEL 2.8mg/m3 ( EH 40 1997)			
Specific Engineering Controls (such as ventilation, enclosed process)			
Avoid contact with eyes, skin and clothes. Do not inhale the vapour. Do not use in a confined spaces. Working procedures should be designed to minimise worker exposure to this product.			
Personal Protective Equipment <input type="checkbox"/> Gloves <input type="checkbox"/> Respirator <input type="checkbox"/> Eye <input type="checkbox"/> Footwear <input type="checkbox"/> Clothing <input checked="" type="checkbox"/> Other			
Respiratory protection: Adequate vapour/particulate absorbing face mask respiratory protection recommended.			
Hand protection: Impervious gloves recommended.			
Eye protection: Chemical safety goggles must worn.			
Skin protection: Protective overalls and shoes/boots recommended.			

## SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

*Product Identifier- 4 -*

Physical State Plastic stick containing liquid	Odour and Appearance NONE	Odour Threshold (ppm) NONE
Specific Gravity No data	Vapour Density (air = 1) No data	Vapour Pressure (mmHg) No data
Evaporation Rate No data	Boiling Point (° C) No data	Freezing Point (° C) No data
Ph Not applicable	Coefficient of Water/Oil Distribution No data	[Solubility in Water] Insoluble

**SECTION 10 — STABILITY AND REACTIVITY**

Chemical Stability <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If no, under which conditions?
Incompatibility with Other Substances <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, which ones?

Reactivity, and under what conditions? THIS PRODUCT IS STABLE AND NON-REACTIVE WITH MOST MATERIALS

Hazardous Decomposition Products: None Identified

**SECTION 11 — TOXICOLOGICAL INFORMATION**

Effects of Acute Exposure

THIS PRODUCT IS NOT EXPECTED TO BE TOXIC VIA DERMAL CONTACT OR BE IRRITATION OR CORROSIVE TO THE SKIN OR EXCEPT VIA MECHANICAL ACTION, THE EYES. IT CANNOT BE INHALED OR INGESTED.

Effects of chronic exposure

THIS PRODUCT IS NOT EXPECTED TO CAUSE CHRONIC TOXICITY VIA DERMAL CONTACT.

Irritancy of Product No data

Skin sensitization No data	Respiratory sensitization No data
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Carcinogenicity-IARC: No data	Carcinogenicity - ACGIH No data
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Reproductive toxicity No data	Teratogenicity No data
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Embrototoxicity No data	Mutagenicity No data
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Name of synergistic products/effects No data

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**SECTION 12 — ECOLOGICAL INFORMATION**

[Aquatic Toxicity]

THIS PRODUCT IS NOT EXPECTED TO CAUSE ANY SIGNIFICANT ADVERSE EFFECTS ON THE ENVIRONMENT WHEN IT IS USED AS INTENDED AND/OR PROPERLY DISPOSED OF COMPONENTS OF THIS MATERIAL ARE O NOT BIOMAGNIFIED OR BIOCONCENTRATED IN THE ENVIRONMENT.

**SECTION 13 — DISPOSAL CONSIDERATIONS**

Waste Disposal

Dispose of used glow sticks after use. Do not leave glow sticks in direct sunlight or expose to high temperature.

**SECTION 14 — TRANSPORT INFORMATION**

Special Shipping Information	Not classified as " Hazardous for Transport". Not regulated by the USDOT		
			PIN Not Applicable
TDG	Not Applicable	[DOT]	. Not Applicable
[IMO]	Not Applicable	[ICAO]	Not Applicable

**SECTION 15 — REGULATORY INFORMATION**

[WHMIS Classification] Toy	[OSHA]
[SERA] Not Applicable	[TSCA] This product is manufactured in compliance with all provisions of the Toxic Substances
<i>This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by CPR.</i>	

**SECTION 16 — OTHER INFORMATION**

This safety data sheet is accurate to the best of our knowledge an is based on information which we consider is reliable. It is furnished without warranty