SAFETY DATA SHEET

SECTION 1: PRODUCT IDENTIFICATION

Product:          Lightsticks - All Colors, All Types

Product Label Name: Dukal
Lightsticks
(private label included)

Company Name and Address: Dukal Corporation
2 Fleetwood Court
Ronkonkoma, NY 11779

Emergency Telephone Number: 631-656-3800

Recommended Use: Light source. Hermetically closed articles not to be opened under normal use.

SECTION 2: HAZARDOUS IDENTIFICATION

Hazard Class/Category: Inhalation - 5
Eye Irritation - 2B

Hazard Symbol: No Symbol Required

Signal Word: Warning

Hazard Statements: May be harmful if inhaled. (H333)
Causes eye irritation. (H320)

Precautionary statements:

Inhalation: IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell. (P304+P312)

Eyes: Wash hands thoroughly after handling. (P264)
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. (P305+P351+P338)
(P337+P313)

Additional Information: Sticks are hermetically closed articles which do not present any particular risk, as long as they are used
according to the manufacturer's recommendations. In case of deterioration of the sealed stick, resulting in a leak of the liquid, an exposure is possible.

### SECTION 3: INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS #</th>
<th>Composition %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimethyl phthalate (DMP)</td>
<td>131-11-3</td>
<td>47%</td>
</tr>
<tr>
<td>BIS (CPPO)</td>
<td>75203-51-9</td>
<td>4%</td>
</tr>
<tr>
<td>Hydrogen Peroxide</td>
<td>7722-84-1</td>
<td>2%</td>
</tr>
<tr>
<td>Sodium Salicylate</td>
<td>54-21-7</td>
<td>Proprietary</td>
</tr>
<tr>
<td>9,10 BIS (PHENYLETHYNYL)</td>
<td>10075-85-1</td>
<td>Proprietary</td>
</tr>
</tbody>
</table>

### SECTION 4: FIRST-AID MEASURES

**Route(s) of Entry:**

**Inhalation:** Breath fresh air. If irritation persists, see physician.

**Skin:** Wash with soap and water. If irritation persists, see physician.

**Ingestion:** Rinse chemical from mouth with water. Drink plenty of water. If irritation or symptoms are present, see physician.

**Health Hazards (Acute and Chronic):** Overexposure not likely to cause significant acute effects.

**Carcinogenicity**

NTP N/A

LARC Monograph? N/A

OSHA Regulated? N/A

**Signs and Symptoms of Exposure:** Medical Conditions Generally Aggravated by Exposure: Controls are not usually necessary if good hygiene practices are followed

**Emergency and First Aid Procedures**

If large quantities are ingested, administer warm water and contact physician. With eye contact, flush with water. If irritation persists, contact physician.
## SECTION 5: FIRE-FIGHTING MEASURES

- **Flash Point (Method Used):** Closed Cup >200F (>93.3C)
- **Flammable Limits:** N/A
- **LEL:** N/A
- **UEL:** N/A
- **Extinguishing Media:** Any Type
- **Special Fire Fighting Procedures:** Wear proper protection, fight fire from a safe distance.
- **Unusual Fire and Explosion Hazards:** None Known

## SECTION 6: ACCIDENTAL RELEASE MEASURES

- Eliminate all sources of ignition and flush with large quantities of water spray
- **Waste Disposal Method:** Follow local, state and federal regulations

## SECTION 7: HANDLING AND STORAGE

- Store at temperatures under 100°C.

## SECTION 8: EXPOSURE CONTROLS

- **Respiratory Protection (Specific Type):** N/A
- **Local Exhaust:** Ventilation Hood
- **Mechanical (General):** None
- **Special:** N/A
- **Other:** N/A
- **Protective Gloves:** N/A
- **Eye protection:** Goggles: Use eye bath if eye contact occurs.
- **Other Protective Clothing or Equipment:** N/A
- **Work / Hygiene Practices:** Good hygienic practice

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- **Physical State:** luminescer and activator
- **Boiling Point:** N/A
- **Vapor Pressure (mm Hg):** N/A
- **Vapor Density:** N/A
- **Specific Gravity:** 1.05
- **Melting Point:** N/A
- **Evaporation Rate (Butyl Acetate=1):** N/A
- **Solubility in Water:** Immiscible
- **Appearance and Odor:** Article consisting of a plastic tube or shape container ampule with luminescer and activator

OSHA Standard Format
SAFETY DATA SHEET

SECTION 10: STABILITY AND REACTIVITY

Stability
Unstable: No
Stable: Yes
Conditions to Avoid: N/A
Incompatibility (Materials to Avoid): None Known
Hazardous Decomposition or Byproducts: Thermal decomposition or burning may produce carbon monoxide and/or carbon dioxide.
Hazardous Polymerization: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

None

SECTION 12: ECOLOGICAL INFORMATION

No data is currently available

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose in accordance with all state, local and federal regulations.

SECTION 14: TRANSPORTATION INFORMATION

Not Applicable.

SECTION 15: REGULATORY INFORMATION

Not Applicable.

SECTION 16: OTHER INFORMATION

Issue Date: 09-03-2014
Revision Date: 06-13-2016

OSHA Standard Format
Disclaimer:

The information provided in this SDS is correct and is to the best of our knowledge, at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.