**SDS #:** 317.5 **Revision Date:** March 28, 2016

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### Safety Data Sheet (SDS)

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#### SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### Energetic Light Solution

Flinn Scientific, Inc. P.O. Box 219, Batavia, IL 60510 (800) 452-1261 Chemtrec Emergency Phone Number: (800) 424-9736

#### SECTION 2 — HAZARDS IDENTIFICATION

Hazard class: Skin and serious eye damage, corrosion or irritation (Category 2, 2B). Causes skin and eye irritation (H315+H320).

8/26/2024: File reviewed, more current MSDS/SDS not available. CAS

#### SECTION 3 — COMPOSITION, INFORMATION ON INGREDIENTS

Component Name	CAS Number	Formula	Formula Weight	Concentration
Sodium hydroxide Fluorexon Fluorescein Hydroxyethyl cellulose Luminol Water	1310-73-2 1461-15-0 518-47-8 9004-62-0 521-31-3 7732-18-5	NaOH $C_{30}H_26N_2O_{13}$ $C_{20}H_{10}Na_2O_5$ Unspecified $C_8H_7N_3O_2$ $H_2O$	39.997 622.55 376.26 Unspecified 177.17 18.00	<1 %> <0.1%> <0.1%> 3-5% <0.1%> 93.7-95.7%

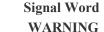
#### SECTION 4 — FIRST AID MEASURES

Call a POISON CENTER or physician if you feel unwell.

If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing.

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Pictograms

If on skin: Wash with plenty of water.

If swallowed: Rinse mouth. Call a POISON CENTER or physician if you feel unwell.

#### SECTION 5 — FIRE FIGHTING MEASURES

Nonflammable, noncombustible solution.

In case of fire: Use a tri-class dry chemical fire extinguisher.

#### SECTION 6 — ACCIDENTAL RELEASE MEASURES

Ventilate area. Contain the spill with sand or absorbent material and deposit in a sealed bag or container. See Sections 8 and 13 for further information.

#### SECTION 7 — HANDLING AND STORAGE

Flinn Suggested Chemical Storage Pattern: Inorganic #4. Store with dyes, indicators and stains. Light sensitive. Store in a cool, dry place away from light.

#### SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

Wear protective gloves, protective clothing, and eye protection. Wash hands thoroughly after handling.

#### SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Brown, translucent liquid. Odorless.

#### SECTION 10 — STABILITY AND REACTIVITY

Avoid contact with acids and oxidizers. Avoid exposure to light. Shelf life: Fair, light sensitive. See Section 7 for further information.

#### SECTION 11 — TOXICOLOGICAL INFORMATION

Acute effects: Toxic, sensitizer.	ORL-RAT LD <sub>50</sub> : N.A.
Chronic effects: N.A.	IHL-RAT LC <sub>50</sub> : N.A.
Target organs: N.A.	SKN-RBT LD <sub>50</sub> : N.A.

#### SECTION 12 — ECOLOGICAL INFORMATION

Data not yet available.

#### SECTION 13 — DISPOSAL CONSIDERATIONS

Please review all federal, state and local regulations that may apply before proceeding. Flinn Suggested Disposal Method #26b is one option.

#### SECTION 14 — TRANSPORT INFORMATION

Shipping name: Not regulated. Hazard class: N/A. UN number: N/A.

#### SECTION 15 — REGULATORY INFORMATION

Not listed.

#### SECTION 16 — OTHER INFORMATION

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NFPA Code None established

N.A. = Not available, not all health aspects of this substance have been fully investigated.

N/A = Not applicable

## Consult your copy of the Flinn Science Catalog/Reference Manual for additional information about laboratory chemicals.

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