

## Safety Data Sheet (SDS)

### SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Lull-A-Fly™

Signal Word  
**DANGER**

Flinn Scientific, Inc. P.O. Box 219, Batavia, IL 60510 (800) 452-1261

Chemtrec Emergency Phone Number: (800) 424-9944

Pictograms

### SECTION 2 — HAZARDS IDENTIFICATION

Hazard class: Flammable liquids (Category 2). Highly flammable liquid and vapor (H225). Keep away from heat, sparks, open flames, and hot surfaces. No smoking (P210).

Hazard class: Acute toxicity, oral (Category 4). Harmful if swallowed (H302). Do not eat, drink or smoke when using this product (P270).

Hazard class: Acute toxicity, dermal and inhalation (Category 3). Toxic in contact with skin or inhaled (H311+H331).

Hazard class: Skin corrosion or irritation (Category 1). Causes severe skin burns and eye damage (H314). Do not breathe mist, vapors or spray (P260).

Hazard class: Serious eye damage or irritation (Category 2A). Causes serious eye irritation (H319).

Hazard class: Specific target organ toxicity, single exposure; Narcotic effects (Category 3). May cause drowsiness or dizziness (H336).



### SECTION 3 — COMPOSITION, INFORMATION ON INGREDIENTS

Component Name	CAS Number	Formula	Formula Weight	Concentration
Triethylamine	121-44-8	(C <sub>2</sub> H <sub>5</sub> ) <sub>3</sub> N	101.19	25%
Isopropyl alcohol	67-63-0	C <sub>3</sub> H <sub>8</sub> O	60.10	75%

### SECTION 4 — FIRST AID MEASURES

Immediately call a POISON CENTER or physician (P310).

**If inhaled:** Remove victim to fresh air and keep at rest in a position comfortable for breathing (P304+P340).

**If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing (P305+P351+P338). **If eye irritation persists eyes:** Get medical advice or attention (P337+P313).

**If on skin or hair:** Immediately remove all contaminated clothing. Rinse skin with water (P303+P361+P353). Remove immediately all contaminated clothing (P361). Wash contaminated clothing before reuse (P363).

**If swallowed:** Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or physician if you feel unwell (P301+P302+P312+P330+P331).

### SECTION 5 — FIRE FIGHTING MEASURES

Class IB flammable liquid.

When heated to decomposition, may emit toxic fumes.

In case of fire: Use a tri-class dry chemical fire extinguisher (P370+P378).

NFPA Code  
None established

---

## 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: Organic #2. Store with alcohols, glycols, amines and amides. Store in a dedicated flammables cabinet. If a flammables cabinet is not available, store in Flinn Saf-Stor™ can. Keep container tightly closed (P233). Keep cool (P235). Use explosion-proof electrical and ventilating equipment (P241). Take precautionary measures against static discharge (P243). Use only in a hood or well-ventilated area (P271).

---

## SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

---

Wear protective gloves, protective clothing, and eye protection (P280). Wash hands thoroughly after handling (P264). Use only in a hood or well-ventilated area (P271).

Exposure guidelines: (as triethylamine) PEL 25 ppm (OSHA); TLV 1 ppm, Ceiling 3 ppm (ACGIH) Readily absorbed through the skin.

---

## SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

---

Colorless liquid. Characteristic odor like licorice.

Triethylamine 25% solution in isopropyl alcohol.

Soluble: Water and alcohol

---

## SECTION 10 — STABILITY AND REACTIVITY

---

Avoid contact with acids and oxidizing agents.

Shelf life: Indefinite, if stored properly. See Section 7 for further information.

---

## SECTION 11 — TOXICOLOGICAL INFORMATION

---

Acute effects: Toxic, corrosive, lachrymator.

ORL-RAT LD<sub>50</sub>: 460 mg/kg for Triethylamine

Chronic effects: N.A.

IHL-MUS LC<sub>50</sub>: 6 g/m<sup>3</sup>/2H for Triethylamine

Target organs: Central nervous system, liver, kidneys, heart.

SKN-RBT LD<sub>50</sub>: 570 mg/kg for Triethylamine

---

## 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 #5 is one option.

---

## SECTION 14 — TRANSPORT INFORMATION

---

Shipping name: Triethylamine. Hazard class: 3, Flammable liquid, corrosive. UN number: UN1296.

---

## SECTION 15 — REGULATORY INFORMATION

---

TSCA-listed, EINECS-listed (204-469-4), RCRA code D001.

---

## SECTION 16 — OTHER INFORMATION

---

This Safety Data Sheet (SDS) is for guidance and is based upon information and tests believed to be reliable. Flinn Scientific, Inc. makes no guarantee of the accuracy or completeness of the data and shall not be liable for any damages relating thereto. The data is offered solely for your consideration, investigation, and verification. The data should not be confused with local, state, federal or insurance mandates, regulations, or requirements and CONSTITUTE NO WARRANTY. Any use of this data and information must be determined by the science instructor to be in accordance with applicable local, state or federal laws and regulations. The conditions or methods of handling, storage, use

and disposal of the product(s) described are beyond the control of Flinn Scientific, Inc. and may be beyond our knowledge. FOR THIS AND OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR LOSS, DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE HANDLING, STORAGE, USE OR DISPOSAL OF THIS PRODUCT(S).

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.**

**Revision Date:** March 25, 2014

---