SDS #: 879.55 **Revision Date:** March 13, 2014

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION					
6-Methylionone					
Flinn Scientific, Inc. P.O. Box 219, Batavia, IL 60510 (800) 452-1261					
CHEMTREC Emergency Phone Number: (800) 424-9300	Signal Word	N/A	Pictograms		
SECTION 2 — HAZARDS IDENTIFICATION			-		
This chemical is considered nonhazardous according to GHS classifications Standard. Treat all laboratory chemicals with caution.	for the Hazar	d Communication			
Although this material is considered to be nonhazardous, unpredictable reac possible. Prudent laboratory practices should be observed.	tions among c	hemicals are always			

SECTION 3 — COMPOSITION, INFORMATION ON INGREDIENTS

<u>Component Name</u>	CAS Number	Formula	Formula Weight	Concentration
6-Methylionone	79-69-6	$C_{14}H_{22}O$	206.33	
Synonyms: Irone; 3-Buten-2-one; Methyl Irone; 4-(2,5,6,6-Tetramethylcyclohex-2-enyl)but-3-en-2-one				

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. 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

Class IIIB combustible liquid.	NFPA CODE
Flash point: >100 °C	H-0
When heated to decomposition, may emit toxic fumes.	F-1
In case of fire: Use a tri-class dry chemical fire extinguisher.	R-0

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Remove all ignition sources and ventilate area. Contain spill with sand or other inert absorbent material; deposit in sealed bag or container. See Sections 8 and 13 for further information.

SECTION 7 — HANDLING AND STORAGE

Flinn Suggested Chemical Storage Pattern: Organic Miscellaneous. Store together with the Organic Smell Identification Kit.

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

Colorless to pale yellow clear liquid. Odor of violets. Soluble: Insoluble in water. Boiling point: 144 °C Specific gravity: 0.93

SECTION 10 — STABILITY AND REACTIVITY

Keep away from heat and open flame. Incompatible with moisture, light, heat, oxidizing agents, reducing agents, and strong bases. Shelf life: Excellent, if stored safely.

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute effects: May be harmful if swallowed. Irritating to eyes, skin, and respiratory system. Chronic effects: N.A. Target organs: N.A. ORL-RAT LD₅₀: 5000 mg/kg IHL-RAT LC₅₀: N.A. SKN-RBT LD₅₀: 5000 mg/kg

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

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 #18a is one option.

SECTION 14 — TRANSPORT INFORMATION

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

N/A = Not applicable

SECTION 15 — REGULATORY INFORMATION

TSCA listed.

SECTION 16 — OTHER INFORMATION

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Consult your copy of the *Flinn Science Catalog/Reference Manual* for additional information about laboratory chemicals. **Revision Date:** March 13, 2014

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