

FLINN SCIENTIFIC, INC.

Safety Data Sheet (SDS)

SDS #: 682.00

Revision Date: December 13, 2013

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Sebacoyl Chloride

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

CHEMTREC Emergency Phone Number: (800) 424-9300

Signal Word **DANGER**

Pictograms



SECTION 2 — HAZARDS IDENTIFICATION

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 (Category 1). Fatal in contact with skin (H310). Do not get in eyes, on skin, or on clothing (P262). Do not eat, drink or smoke when using this product (P270).

Hazard class: Serious eye damage or irritation (Category 1). Causes serious eye damage (H318).

SECTION 3 — COMPOSITION, INFORMATION ON INGREDIENTS

Component Name	CAS Number	Formula	Formula Weight	Concentration
Sebacoyl Chloride	111-19-3	$\text{ClOC}(\text{CH}_2)_8\text{COCl}$	239.14	
Synonyms: Sebacoyl chloride; Decanedioyl chloride				

SECTION 4 — FIRST AID MEASURES

Immediately call a POISON CENTER or physician (P310).

If inhaled: Call a POISON CENTER or physician if you feel unwell. **If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing (P305+P351+P338). **If on skin:** Gently wash with plenty of soap and water (P302+P350). Remove immediately all contaminated clothing (P361). Wash contaminated clothing before reuse (P363).

If swallowed: Rinse mouth (P330). Call a POISON CENTER or physician if you feel unwell (P301+P312).

SECTION 5 — FIRE FIGHTING MEASURES

Nonflammable liquid.

Flash Point: 113 °C

When heated to decomposition, may emit toxic fumes.

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

NFPA CODE

None

established

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Ventilate area. Wipe up, place in sealed bag or container and dispose. Wash spill site after material pickup is complete. See Sections 8 and 13 for further information.

SECTION 7 — HANDLING AND STORAGE

Flinn Suggested Chemical Storage Pattern: Organic #1. Store with acids, anhydrides, and peracids.
Moisture sensitive material. Must be stored in an airtight container. Store in a Flinn Chem-Saf™ bag.

SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

Wear protective gloves, protective clothing, and eye protection (P280). Wash thoroughly after handling (P264).

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Clear to yellow-tan liquid. Very disagreeable odor; lachrymator.
Soluble: Hydrocarbons and ether. Decomposes slowly in water.

Melting point: -1 °C
Boiling point: 168 °C
Refractive index: 1.47
Specific gravity: 1.121

SECTION 10 — STABILITY AND REACTIVITY

Avoid contact with water, alcohols, oxidizers, strong bases.
Shelf life: Poor, moisture sensitive. See Section 7 for further information.

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute effects: Lachrymator, Fatal in contact with skin, Serious eye damage.

Chronic effects: N.A.

Target organs: Eyes, skin, respiratory tract.

ORL-RAT LD₅₀: 400mg/kg

IHL-RAT LC₅₀: N.A.

SKN-GUINEAPIG LD₅₀: 50uL/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 #1a 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, EINECS-listed (203-843-4), RCRA code D002, D003.

SECTION 16 — OTHER INFORMATION

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