

Safety Data Sheet (SDS)

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Sebacoyl Chloride

Signal Word
DANGER

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

Chemtrec Emergency Phone Number: (800) 424-10239

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	ClOC(CH ₂) ₈ 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 so. 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.

NFPA Code
None established

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

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 hands thoroughly after handling (P264).

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Clear to yellow-tan liquid. Very disagreeable odor;	Melting point: -1 °C
lachrymator.	Boiling point: 168 °C
Soluble: Hydrocarbons and ether. Decomposes slowly in water.	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,	ORL-RAT LD ₅₀ : 400mg/kg
Serious eye damage.	IHL-RAT LC ₅₀ : N.A.
Chronic effects: N.A.	SKN-GUINEAPIG LD ₅₀ : 50uL/kg
Target organs: Eyes, skin, respiratory tract.	

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.

SECTION 15 — REGULATORY INFORMATION

TSCA-listed, EINECS-listed (203-843-4), RCRA code D002, D003.

SECTION 16 — OTHER INFORMATION

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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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