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3,5-Dinitrobenzoyl Chloride,

$C_7H_3ClN_2O_5$ 230.56 CAS RN[®]: 99-33-2.—Pale yellow, crystalline powder. Freely soluble in dilute sodium hydroxide solutions; soluble in alcohol.

[**CAUTION**—Corrosive, moisture-sensitive, lachrymator, and possible mutagen. Store under nitrogen.]

MELTING RANGE (741): between 69° and 71°.

Solubility in Sodium Hydroxide: A solution of 500 mg in 25 mL of 1 N sodium hydroxide is clear or not more than faintly turbid.

Residue on Ignition: Ignite 1 g with 0.5 mL of sulfuric acid: the residue weighs not more than 1 mg (0.1%).

Auxiliary Information - Please [check for your question in the FAQs](#) before contacting USP.

| Topic/Question | Contact | Expert Committee |
|-----------------------------|--|------------------|
| 3,5-DINITROBENZOYL CHLORIDE | Margareth R.C. Marques Principal Scientific Liaison | HDQ Headquarters |

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