

1. Identification



2. Synonyms

Synonyms: ferric chloride, iron (III) chloride, aqueous ferric chloride

Molecular formula: FeCl_3 in water

CAS No: 7705-08-0

EINECS No:

3. Physical & Chemical Properties

Appearance: orange-brown liquid

Melting point:

Boiling point: 230 C

Vapour density:

Vapour pressure: 40 mm Hg at 20 C

Density (g cm^{-3}): typically 1.4

Flash point:

Explosion limits:

Autoignition temperature:

Water solubility: complete in all proportions

4. Stability

Stable, but light sensitive. Incompatible with many common metals, strong bases, potassium and other alkali metals, strong oxidizing agents.

5. Hazards

Corrosive - causes burns. Harmful if swallowed, and in contact with skin. Prolonged contact may lead to dermatitis.

6. Abbreviations

(The meaning of any abbreviations which appear in this section is given [here](#).)

