

## TECHNICAL DATA SHEET

Ferric Chloride | CAS 7705-08-0

### 1. Product Identification

|                  |                                                                 |
|------------------|-----------------------------------------------------------------|
| Product Name     | Ferric Chloride                                                 |
| CAS Number       | 7705-08-0                                                       |
| Synonyms         | Iron(III) chloride, Ferric trichloride, Iron trichloride, FeCl3 |
| Category         | Inorganic Salt                                                  |
| Available Grades | Technical/97%/LR                                                |
| HSN Code         | 2827.39                                                         |
| UN Number        | UN1773                                                          |

### 2. Physical & Chemical Properties

|                   |                                     |
|-------------------|-------------------------------------|
| Molecular Formula | FeCl $\blacksquare$                 |
| Molecular Weight  | 162.20                              |
| Appearance        | Brown crystalline solid or solution |
| Density           | 2898 kg/m <sup>3</sup>              |
| Boiling Point     | 316°C                               |
| Melting Point     | 306°C                               |
| Flash Point       | None                                |
| Solubility        | 91.2g/100ml water                   |

### 3. Applications

• Printed circuit board etching • Water purification • Chemical synthesis • Wastewater treatment • Pigment • Lab reagent

### 4. Industries Served

Electronics, Water Treatment, Chemical, Research

### 5. Packing & Supply

Standard industrial packing. Bulk and customised packing available on request. Export supply with full documentation (COA, MSDS, COO, Packing List).

Values are typical and given in good faith as a guide to product characteristics; they do not constitute a specification or guarantee. Refer to the batch COA for certified values.