

## FERRIC CHLORIDE SOLUTION TYPE I

|                  |                                      |
|------------------|--------------------------------------|
| CHEMICAL NAME    | Ferric Chloride ,Iron (III) Chloride |
| CHEMICAL FORMULA | FeCl <sub>3</sub>                    |
| MOLECULAR WEIGHT | 162,22 gr / mol-gr                   |

### PHYSICAL AND CHEMICAL PROPERTIES

| Parameter               | Unit               | Specification           |
|-------------------------|--------------------|-------------------------|
| Appearance              |                    | Clear dark brown liquid |
| Ferric Chloride Content | %                  | 40                      |
| Ferrous Content         | %                  | max. 2,5                |
| Specific Gravity        | gr/cm <sup>3</sup> | 1,43 ± 0,13             |
| Insoluble matters       | mg/kg of Fe (III)  | max. 0,2                |
| Manganase               | m / m of Fe (III)  | max. 1                  |
| Arsenic(Ar)             | mg/kg of Fe (III)  | max.20                  |
| Cadmium(Cd)             | mg/kg of Fe (III)  | max. 1                  |
| Chromium(Cr)            | mg/kg of Fe (III)  | max. 50                 |
| Mercury(Hg)             | mg/kg of Fe (III)  | max.0,3                 |
| Nickel(Ni)              | mg/kg of Fe (III)  | max. 60                 |
| Lead(Pb)                | mg/kg of Fe (III)  | max. 35                 |
| Antimony(Sb)            | mg/kg of Fe (III)  | max. 10                 |
| Selenium(Se)            | mg/kg of Fe (III)  | max. 10                 |

### Reference standard according to EN 888 2004 TYPE 1 USE

Potable water clarification and purification ,As coagulant in sewage and in Industrial waste water treatment ,In the textiles and metal industry

### PACKING

In bulk on road tankers or in high density polyethylene containers