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from local roots to global routes

Ferric Chloride (Liquid)
Technical Data Sheet
(IS: 711 – 1970)

CAS No.	: 7705-08-0
Systematic Name	: Ferric Chloride
Other Name	: Iron (Iii) Chloride, Iron Tri Chloride
Empirical Formula	: Fecl3
Molecular Wt	: 162.2 G/Mol
Appearance	: Dark Brown Liquid
Specifications	: Ferric Chloride (As Fecl3) : 40.00- 42.00% Min
Specific Gravity	: 1.42 – 1.46 Min
Insoluble Matter	: 0.05 % Max
Free Acid (As HCL)	: 0.02 % Max
Free Chlorine (As Cl)	: 0.01 % Max
Ferrous Salts (As Fecl2)	: 0.10 % Max
Sulphates (As So4)	: 0.30 % Max
Nitrates (As No3)	: 0.05 % Max
Copper (As Cu)	: 0.015 % Max
Zinc (As Zn)	: 0.01 % Max
Arsenic (As As2o3)	: 0.0002 % Max
Alkalis & Alkaline Earths	: 0.20 % Max

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