



ASIAN PVS CHEMICAL CO.,LTD.

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Product Specification

FERRIC CHLORIDE 40% Solution - Water Treatment Grade

GENERAL

Product Name	Ferric Chloride – Drinking Water Grade
Chemical Name/Synonyms	Iron (III) Chloride Solution
Chemical Formula	FeCl ₃
CAS Number	7705-08-0

SPECIFICATION

Ferric Chloride (FeCl ₃)	40% min. w/w
Ferrous Chloride (FeCl ₂)	0.50% max.
Free Acid as HCl	0.75% max.
Insoluble Matter	0.10% max.
Specific Gravity	1.42

PROPERTIES

Appearance	Reddish brown
Odor	Slightly iron/acid
Physical State	Liquid
Solubility in Water	Complete
pH	< 2.0
Boiling Point	230 °F or 110 °C
Vapor Density	Not application (Air = 1)
Evaporation Rate	1 (Butyl Acetate = 1)
Freezing Point	(-58 °F) or (-50 °C)

TRANSPORT INFORMATION

DOT (Department of Transportation)	
Proper Shipping Name	: Ferric Chloride, Solution
Hazard Class	: 8
Identification Number	: UN2582
Packing Group	: III
Emergency Response Guide Book Number	: 60
Corrosive	: Skin

PACKING

- : Bulk delivery by tank truck
- : 200 Litres or 285 Kgs in plastic drum
- : 25 Litres or 35 Kgs in plastic pail

