



## บริษัท พลวัต อินเตอร์เคม จำกัด

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### PHONLAWAT INTERCHEM LTD.

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## Product Specification : FERRIC CHLORIDE SOLUTION

### CHEMICAL PRODUCT

Product Name	Ferric Chloride
Chemical Name/Synonyms	Iron (III) Chloride Solution
Chemical Formula	FeCl <sub>3</sub>
Cas. Number	7705-08-0

### SPECIFICATION

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

### PROPERTIES

Appearance	Reddish brown
Odor	Slightly iron/acidic
Physical State	Liquid
Solubility in Water	Completely soluble
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 295 Kgs in plastic drum
: 25 Litres	or 35 Kgs in plastic pail