

## 1. Product and Company Identification

www.rxmarine.com

Product Name

:Iron (II) Ferrous Sulfate Heptahydrate cryst.Purif

Part Number

:RXSOL-60-6113-100

### Company Details:

**RX MARINE INTERNATIONAL**

**105, A wing , BSEL , TECH PARK.**

**VASHI ,NEW BOMBAY 400703 INDIA**

**Branch : Kandla, Sikka, Dahej, Hazira, JNPT, Goa, Mangalore, Cochin, Tuticorin, Chennai, Kakinada, Vizag, Paradip, Kolkata, UAE, Singapore.**

Phone +91 22 27815540 / 41 / 42  
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Email [123@rxmarine.com](mailto:123@rxmarine.com)  
Website [www.rxmarine.com](http://www.rxmarine.com)

## Certificate of Analysis

**Product Name:**Iron (II) Ferrous Sulfate Heptahydrate cryst.Purif

**Product Number:**RXSOL-60-6113-100

**CAS Number:**7782-63-0

**Formula:**FeO4S · 7H2O

**Formula Weight:**278.01 g/mol

## 9. Physical and chemical properties

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Test	Specification	Result
Appearance (Color)	Faint Blue to Blue to Green	Light Blue-Green
Appearance (Form)	Powder	Powder
Solubility (Color)	Light Yellow and Light Blue-Green	Light Yellow
Solubility (Turbidity) 100 mg/mL, H2O	Clear to Hazy	Slightly Hazy
Titration with KMnO4	_> 99 %	100 %
Plant Cell Culture Test	Pass	Pass

## 9. Physical and chemical properties

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Form	Liquid
Colour	Dark brown
Odour	Hydrocarbon-like.
Odor Threshold	No Information Available
pH	Not Applicable
Melting Point	< -40 °F (< -40 °C)
Boiling Point	348.8 °F (176 °C)

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Flash Point	150.1 °F (65.6 °C) Pensky-Martens Closed Cup
Evaporation Rate	< 1 (Ether =1)
Flammability (solid, gas)	Not Applicable
Explosive limits Lower / Uper	Not Available
Vapour pressure	< 5 mm Hg @ 21°C
Vapour Density	> 1 (Air =1)
Secific Gravity	1.42
Decomposition Temperature	No information available
Partition coefficient	No data available
Autoignition Temperature	No data available
Solubility in Water	Not Soluble
Viscosity	< 400 cSt @ 60°F
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
Pour point	< -40 °C

Product Name Vanadium Inhibitor (RXSOL ORG 70)  
Part Number RXSOL-81-1770-210

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