

1. Product and Company Identification

www.rxmarine.com

Product Name :Zinc Sulfate Heptahydrate
Part Number :RXSOL-61-6392-500

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.

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Fax +91 22 2781 1318 ::::AOH :0091 9821214367
Email 123@rxmarine.com
Website www.rxmarine.com

Certificate of Analysis

Product Name:Zinc Sulfate Heptahydrate

Product Number:RXSOL-61-6392-500

CAS Number:7446-20-0

Formula:O₄SZn · 7H₂O

Formula Weight:287.56 g/mol

9. Physical and chemical properties

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Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Crystals or Crystals with Chunks	Crystals
Complexometric EDTA	99.0 - 103.0 %	99.2 %
X-Ray Diffraction	Conforms to Structure	Conforms
Insoluble Matter	≤ 0.01 %	< 0.01 %
c = 10%, Water		
Calcium (Ca)	≤ 0.005 %	< 0.001 %
Chloride (Cl)	≤ 5 ppm	< 5 ppm
Iron (Fe)	≤ 0.001 %	< 0.001 %
Potassium (K)	≤ 0.01 %	< 0.01 %
Magnesium (Mg)	≤ 0.005 %	< 0.001 %
Sodium (Na)	≤ 0.05 %	< 0.01 %
Ammonia (NH ₄)	≤ 0.001 %	< 0.001 %
Nitrate (NO ₃)	≤ 0.002 %	< 0.002 %
Lead (Pb)	< 0.003 %	< 0.001 %
Manganese (Mn)	< 3 ppm	< 1 ppm
pH	4.4 - 6.0	4.7

c = 5%; Water at 25°C

Meets ACS Requirements

Current ACS Specification

Conforms

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)
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

Company Details:

RX MARINE INTERNATIONAL

105, A wing , BSEL , TECH PARK.

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Email

123@rxmarine.com

Website

www.rxmarine.com

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Part Number	RXSOL-81-1770-210

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