

1. Product and Company Identification

www.rxmarine.com

Product Name :Potassium Cyanide A.R.Grade
Part Number :RXSOL-60-6134-500

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:Potassium Cyanide A.R.Grade

Product Number:RXSOL-60-6134-500

CAS Number:151-50-8

Formula:CKN

Formula Weight:65.12 g/mol

9. Physical and chemical properties

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Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Conforms to Requirements	Powder
Granular Powder		
Titration by AgNO ₃	_> 96.0 %	99.9 %
ICP Major Analysis	Confirmed	Confirmed
Confirms K Component		
Iron (Fe)	_< 0.03 %	< 0.01 %
Sodium (Na)	_< 0.5 %	< 0.0 %
Lead (Pb)	_< 2 ppm	< 2 ppm
Chloride Content	_< 0.5 %	< 0.5 %
Phosphate (PO ₄)	_< 0.005 %	< 0.005 %
Thiocyanate	Pass	Pass
Sulfide (S)	_< 0.003 %	< 0.003 %
Sulfate (SO ₄)	_< 0.04 %	< 0.04 %
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

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