

1. Product and Company Identification

www.rxmarine.com

Product Name : Lactic Acid
Part Number : RXSOL-19-1344-200

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

Branch : Mumbai, Chennai, Vizag, Kolkata, Gandhidham, FUjairah, Muscat

Phone +91 22 27815540 / 41 / 42
Fax +91 22 2781 1318 :::AOH :0091 9821214367
Email 123@rxmarine.com
Website www.rxmarine.com

Certificate of Analysis

Product Name:Lactic Acid

Product Number:RXSOL-19-1344-200

CAS Number:79-33-4

Formula:C₃H₆O₃

Formula Weight:90.08 g/mol

Storage Temperature:Store at 2 - 8 °C

9. Physical and chemical properties

www.rxmarine.com

Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless	Colorless
Solubility (Turbidity)	Clear	Clear
100 mg/ml, H ₂ O		
Water (by Karl Fischer)	≤ 2 %	≤ 2 %
Infrared Spectrum	Conforms to Structure	Conforms
Impurity (by Enzymatic)	≤ 1.0 %	0.0 %
Glucose		
Titration	≥ 98 %	100 %
per current FCC		

9. Physical and chemical properties

www.rxmarine.com

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.
VASHI ,NEW BOMBAY 400703 INDIA

Phone	+91 22 65113333 / 5555 / 9999
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	123@rxmarine.com
Website	www.rxmarine.com

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

Company Details:

RX MARINE INTERNATIONAL

105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

Phone +91 22 65113333 / 5555 / 9999
Fax +91 22 2781 1318 :::AOH :0091 9821214367
Email 123@rxmarine.com
Website www.rxmarine.com

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

Company Details:
RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

Phone +91 22 65113333 / 5555 / 9999
Fax +91 22 2781 1318 :::AOH :0091 9821214367
Email 123@rxmarine.com
Website www.rxmarine.com

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

Company Details:
RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

Phone +91 22 65113333 / 5555 / 9999
Fax +91 22 2781 1318 :::AOH :0091 9821214367
Email 123@rxmarine.com
Website www.rxmarine.com

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

Company Details:
RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

Phone +91 22 65113333 / 5555 / 9999
Fax +91 22 2781 1318 :::AOH :0091 9821214367
Email 123@rxmarine.com
Website www.rxmarine.com

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

Company Details:
RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

Phone +91 22 65113333 / 5555 / 9999
Fax +91 22 2781 1318 :::AOH :0091 9821214367
Email 123@rxmarine.com
Website www.rxmarine.com

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

Company Details:
RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

Phone +91 22 65113333 / 5555 / 9999
Fax +91 22 2781 1318 :::AOH :0091 9821214367
Email 123@rxmarine.com
Website www.rxmarine.com

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

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

Phone	+91 22 65113333 / 5555 / 9999
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	123@rxmarine.com
Website	www.rxmarine.com

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

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

Phone	+91 22 65113333 / 5555 / 9999
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	123@rxmarine.com
Website	www.rxmarine.com

Typical Specification :

Parameter	Unit
Stereochemical purity	%
Lactic acid content	%
Sulphated ash	%