Material Safety Data Sheet

1,3-Dimethylbarbituric Acid (RXSOL-61-6396-250)

1. Product and Company Identifaction

Product Name	:1,3-Dimethylbarbituric Acid
Part Number	:RXSOL-61-6396-250

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

Certificate of Analysis

Product Name:1,3-Dimethylbarbituric Acid

Product Number:RXSOL-61-6396-250

CAS Number:769-42-6

Formula:C6H8N2O3

Formula Weight:156,14 g/mol

9. Physical and chemical properties

Test	Specification	Result
Appearance (Color)	White to Faint Yellow	White
Appearance (Form)	Powder or Crystal or Chunk(s)	Crystals
Solubility (Color)	Colorless to Faint Yellow	Almost Colorless
Solubility (Turbidity) 0.5 G IN 10 ML H2O HOT	Clear	Clear
Infrared spectrum	Conforms to Structure	Conforms
Purity (HPLC)	_> 99.0 %	99.7 %
Purity (Titration by NAOH)	99.0 - 101.0 %	100.7 %
Melting Point	121 - 123 deg	123 deg
Residue on Ignition	_ 0.10 %	0.07 %