

**MATERIAL SAFETY DATA SHEET****ROSSACID N LIQUID****1 IDENTIFICATION OF THE SUBSTANCE/PREPATATION AND OF THE COMPANY/UNDERTAKING**

**Product Name** : ROSSACID N LIQUID  
**Chemical Name** : Based on organic acids and compounds  
**Ionic Nature** : NA  
**Company/Undertaking identification** : Rossari Biotech Limited  
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LBS Marg, Next to G.E.Gardens, Kanjurmarg (West)  
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**2 COMPOSITION/INFORMATION ON INGREDIENTS**

MAJOR/HAZARDOUS INGREDIENTS NAME	CAS NUMBER	IUB NUMBER	APPROX. PERCENTAGE
Monocarboxylic acid	64-19-7	-	< 50%

**3 HAZARD IDENTIFICATION**

**Environmental hazards** : Avoid Contaminating waterways  
**Human health hazards** : No adverse health effects expected if the product is handled in accordance with this Safety data sheet. Symptoms that may arise if the product is mishandled  
**Inhalation** : The vapour is irritant to the Mucous membrane and respiratory tract.  
**Ingestion** : May cause severe injury and burns to the mouth, throat and stomach.  
**Skin contact** : Causes burns, symptoms of redness and pain can occur.  
**Eye contact** : May cause seriuous damage followed by loss of sight.

**4 FIRST AID MEASURES**

**Inhalation** : Remove victim to fresh air as vapour or mist may be irritant to mucous membranes and respiratory tract.  
**Ingestion** : If swallowed, rince mouth with water and give water to drink. DO NOT INDUCE VOMITING. If vomiting occurs give more water to drink to assist dilution. Seek immediate medical assistance.  
**Skin contact** : Wash contaminated skin with plenty of soap and water. Remove contaminated clothing and wash before re-use. If swelling, redness, blistering or irritation persists seek immediate medical assistance.  
**Eye contact** : Immediately irrigate with copious quantity of water for atleast 15 minutes. Eyelids to be held open. Seek immediate medical assistance.

**5 FIRE FIGHTING MEASURES**

**Fire extinguising media** : Water Spray, foam, dry agent (Carbondioxide, dry chemical powder)

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<b>Special Procedures</b>	: Firefighters should be equipped with self-contained breathing apparatus and turn out gear. There are no known unusual fire or explosion hazards.
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**6 ACCIDENTAL RELEASE MEASURES**

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<b>Personal precautions</b>	: Remove all sources of ignition. Wear appropriate personal protective equipment.
<b>Environmental precautions</b>	: Ventilate area of leak or spill
<b>Methods for cleaning up</b>	: Contain and recover liquid when possible. Collect liquid in our appropriate container or absorb with an inert material (eg Vermiculite dry sand, earth) and place in a chemical waste container. Use non sparking tools and equipment. Do not use combustible materials like saw dust. Do not flush or sewer.

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**7 HANDLING AND STORAGE**

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<b>Handling</b>	: Protect against physical damage. Protect from freezing, store above 17° C. Empty containers may be hazardous since they retain vapor & liquid
<b>Storage</b>	: Store in cool, dry well - ventilated location, away from any area where the fire hazard may be acute. Detached storage outside is preferred.

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**8 EXPOSURE CONTROL/PERSONAL PROTECTION**

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<b>Respiratory protection</b>	: Personal respirators (NIOSH approved). Use a full facepiece positive pressure mask, air supplied respirator.
<b>Skin Protection</b>	: Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls as appropriate to prevent skin contact.
<b>Eye Protection</b>	: Use chemically safe goggles and / or full face shield where splashing is possible. Maintain eyewash fountain and quick drench facilities in work area.

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**9 PHYSICAL AND CHEMICAL PROPERTIES**

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<b>Appearance</b>	: Clear liquid
<b>Odour</b>	: Acidic
<b>Solubility in water</b>	: Miscible in cold water
<b>Specific gravity</b>	: 1.00 ± 3.00
<b>pH (10% aqueous)</b>	: 1.0-3.0

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**10 STABILITY AND REACTIVITY**

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<b>General</b>	: Stable under storage conditions (see section 7)
<b>Materials to avoid</b>	: Nitric acid, strong caustic, most metals, hydroxides, oxides, phosphates, perchloric acid, ethylene glycol, chromic acid, phosphorous trichloride
<b>Hazardous decomposition products</b>	: Carbon dioxide and carbon monoxide may form when heated to decomposition. May also release toxic and irritating vapours.
<b>Hazardous polymerisation</b>	None
<b>Preventive measures</b>	Avoid heat, flame, ignition sources, freezing & incompatibles

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**11 TOXICOLOGICAL INFORMATION**

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**MATERIAL SAFETY DATA SHEET****ROSSACID N LIQUID****Irritation**

<b>Eyes</b>	: Causes burns
<b>Skin</b>	: Causes burns
<b>Respiratory system</b>	: Vapours irritant to the mucous membranes and respiratory tract.

**Acute oral toxicity (LD50)** >2100 mg/kg (rats), oral

**Carcinogenicity** : N.A.

**12 ECOLOGICAL INFORMATION**

**LC50** (specify species and route) 10 - 100 mg/l 96 hrs fish trout

**Persistence degradability** Information not available

**BOD** 9.2 mg/l

**COD** 365.5 (mg/l)

**13 DISPOSAL CONSIDERATIONS**

Incineration. If correctly incinerated the material will decompose to Carbon dioxide and water only. Dispose of in accordance with local

**14 TRANSPORT INFORMATION**

**General information** Hazard Class: 8, Packing Group: II, Transport Category: 2, UN No: 1779

**15 REGULATORY INFORMATION**

**Symbol(s)** Corrosive

**Risk phrase(s)** R34: Causes burns

**Safety phrase(s)** S1/2:Keep locked up.Keep out of the reach of children

S23: Do not breathe vapour.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible)

**16 OTHER INFORMATION**

**Recommended Uses and Restrictions** : As an neutralising agent in textile processing

**Further Information** : None

**LOCAL CONTACT:**

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