

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 : Rossari Biotech Limited
identification : 201 A & B, Akruti Corporate Park,
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 seriuos 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)

MATERIAL SAFETY DATA SHEET**ROSSACID N LIQUID****Special Procedures**

: Firefighters should be equipped with self-contained breathing apparatus and turn out gear. There are no known unusual fire or explosion hazards.

6 ACCIDENTAL RELEASE MEASURES**Personal precautions**

: Remove all sources of ignition. Wear appropriate personal protective equipment.

Environmental precautions

: Ventilate area of leak or spill

Methods for cleaning up

: 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.

7 HANDLING AND STORAGE**Handling**

: Protect against physical damage. Protect from freezing, store above 17° C. Empty containers may be hazardous since they retain vapor & liquid

Storage

: Store in cool, dry well - ventilated location, away from any area where the fire hazard may be acute. Detached storage outside is preferred.

8 EXPOSURE CONTROL/PERSONAL PROTECTION**Respiratory protection**

: Personal respirators (NIOSH approved). Use a full facepiece positive pressure mask, air supplied respirator.

Skin Protection

: Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls as appropriate to prevent skin contact.

Eye Protection

: Use chemically safe goggles and / or full face shield where splashing is possible. Maintain eyewash fountain and quick drench facilities in work area.

9 PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

: Clear liquid

Odour

: Acidic

Solubility in water

: Miscible in cold water

Specific gravity

: 1.00 ± 3.00

pH (10% aqueous)

: 1.0-3.0

10 STABILITY AND REACTIVITY**General**

: Stable under storage conditions (see section 7)

Materials to avoid

: Nitric acid, strong caustic, most metals, hydroxides, oxides, phosphates, perchloric acid, ethylene glycol, chromic acid, phosphorous trichloride

Hazardous decomposition products

: Carbon dioxide and carbon monoxide may form when heated to decomposition. May also release toxic and irritating vapours.

Hazardous polymerisation

: None

Preventive measures

: Avoid heat, flame, ignition sources, freezing & incompatibles

11 TOXICOLOGICAL INFORMATION

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ROSSACID N LIQUID

Irritation

Eyes	: Causes burns
Skin	: Causes burns
Respiratory system	: 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
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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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