

# *Bacto Laboratories Pty Ltd.*

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## **MATERIAL SAFETY DATA SHEET**

### **Decon Acid Rinse Health & Safety Bulletin**

Not classified as Hazardous according to criteria of Worksafe Australia

1 July 2011

#### **1. Identification of substance/preparation and company**

**Product:** DECON ACID RINSE

**Australian Distributor:** Bacto Laboratories Pty Ltd

#### **2. Composition/information on ingredients**

A blend of aliphatic polycarboxylic acid, aliphatic alcohol and non-ionic surface active agent, in an aqueous base.

Decon Acid Rinse is a colourless, non-viscous liquid concentrate, having mild odour.

#### **3. Hazards identification**

Xi - irritant  
May cause irritation to skin, especially if exposure is prolonged.  
May cause severe eye irritation.

#### **4. First-aid measures**

In case of contact with eyes, rinse immediately with plenty of clean, flowing water and seek immediate medical attention.

In case of contact with skin, rinse immediately with plenty of clean, flowing water.  
Seek medical attention if there is persistent irritation.

If ingested, drink copious amounts of fresh water and seek immediate medical attention.  
Do not promote vomiting.

#### **5. Fire-fighting measures**

Use extinguisher suitable to the cause of the fire.

#### **6. Accidental release measures**

Absorb large spillages with sand or any suitable medium.

May be neutralised with solid sodium carbonate.

Dispose of in accordance with local authority guidelines.

Small spillages may be flushed away with plenty of water to a drain or sewer.

#### **7. Handling and storage**

Avoid contact with skin and eyes.

Use glass, ceramic, plastic (not polycarbonate) or stainless steel vessels for working solutions

Store the concentrate at ambient temperature, out of direct sunlight, sealed in the container in which it is supplied, and away from powerful oxidising agents.

Stored correctly, Decon Acid Rinse has a shelf-life of 5 years.

## 8. Exposure controls/personal protection

Wear eye protection and rubber gloves when handling.

Clothes may be protected with man-made fibre over-garments.

## 9. Physical and chemical properties

<b>Melting point</b>	-63.0°C (product is a liquid).
<b>Boiling point</b>	93.0°C.
<b>Density</b>	0.9923 at 20°C.
<b>Vapour pressure</b>	13.2 mm Hg. at 20°C.
<b>Evaporation rate</b>	0.70 (butyl acetate = 1).
<b>Viscosity</b>	10.50 cps at 20°C.
<b>Solubility</b>	Totally soluble in water.
	Miscible with water soluble solvents
<b>pH value</b>	The concentrate has a pH of pH2.7, typically.

## 10. Stability and reactivity

<b>Flash point</b>	Not applicable.
<b>Ignition temperature</b>	Does not burn or help other materials to burn.
<b>Explosion limits</b>	Not applicable.
<b>Thermal decomposition</b>	None.
<b>Hazardous thermal decomposition products</b>	None known.
<b>Hazardous reactions</b>	May react violently with powerful oxidising agents, as for most organic compounds
<b>Further information</b>	Will tend to corrode non-ferrous metals, notably aluminium and zinc.

## 11. Toxicological information

Decon Acid Rinse should not be ingested.

No known evidence of carcinogenicity, mutagenicity or reproductive toxicity.

## 12. Ecological information

Decon Acid Rinse is biodegradable.

Ready biodegradability by OECD 301E (ISO method 7287 - 1986(E)).

## 13. Disposal considerations

Dispose of in accordance with regional and/or national regulations.

## 14. Transport information

<b>UN Number</b>	None
<b>IMDG code</b>	None
<b>ADR/RID</b>	None
<b>OACI/IATA</b>	None

<b>Shipping name</b>	As commercial name
<b>15. Regulatory information</b>	
<b>Classification</b>	Irritant
<b>Symbol</b>	Xi
<b>Risk phrases</b>	R36/38
<b>Safety phrases</b>	S24/25 and S26
<b>16. Other information</b>	
Not suitable for domestic applications.	

===== OTHER INFORMATION =====

**Contact Point:**

AUSTRALIA:  
 Chemist, Bacto Laboratories Pty Ltd, (02) 9823-9000.

**IMPORTANT ADVICE:**

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including its use in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact Bacto Laboratories Pty Ltd. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.

**END OF MSDS**