

# ***Bacto Laboratories Pty Ltd.***

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## **MATERIAL SAFETY DATA SHEET**

### **Decon 90 Health & Safety Bulletin**

Classified as Hazardous according to criteria of Worksafe Australia

1 July 2011

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

**Product:**

**DECON 90**

**Australian Distributor:**

**Bacto Laboratories Pty Ltd**

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

A complex emulsion of highest quality anionic and non-ionic surface active agents, stabilising agents, alkalis, non-phosphate detergent builders and sequestering agents, in an aqueous base.

Contains <3% Potassium Hydroxide (KOH) - CAS No. 1310-58-3 - EINECS No. 215-181-3

Decon 90 is a milky white, non-viscous liquid concentrate, having faint 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.  
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.

<p>Use glass, ceramic, plastic (not polycarbonate) or stainless steel vessels for working solutions</p> <p>Store the concentrate at ambient temperature, out of direct sunlight, sealed in the container in which it is supplied, and away from strong acids and aluminium.</p> <p>Stored correctly, Decon 90 has a shelf life of 5 years.</p>																	
<b>8. Exposure controls/personal protection</b> <p>Wear eye protection and rubber gloves when handling.</p> <p>Clothes may be protected with man-made fibre over-garments.</p>																	
<b>9. Physical and chemical properties</b> <table> <tr> <td><b>Melting point</b></td><td>-3.8°C (product is a liquid).</td></tr> <tr> <td><b>Boiling point</b></td><td>100.5°C.</td></tr> <tr> <td><b>Density</b></td><td>1.083 at 20°C.</td></tr> <tr> <td><b>Vapour pressure</b></td><td>17.1 mm Hg at 20°C.</td></tr> <tr> <td><b>Evaporation rate</b></td><td>0.34 (butyl acetate = 1).</td></tr> <tr> <td><b>Viscosity</b></td><td>6.27 cps at 20°C.</td></tr> <tr> <td><b>Solubility</b></td><td>Totally soluble in water. Miscible with water soluble solvents.</td></tr> <tr> <td><b>pH value</b></td><td>The concentrate has a pH in excess of pH13.</td></tr> </table>		<b>Melting point</b>	-3.8°C (product is a liquid).	<b>Boiling point</b>	100.5°C.	<b>Density</b>	1.083 at 20°C.	<b>Vapour pressure</b>	17.1 mm Hg at 20°C.	<b>Evaporation rate</b>	0.34 (butyl acetate = 1).	<b>Viscosity</b>	6.27 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 in excess of pH13.
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<b>11. Toxicological information</b> <p>Decon 90 should not be ingested. Toxicity is low, but high alkalinity is likely to be harmful.</p> <p>No known evidence of carcinogenicity, mutagenicity or reproductive toxicity.</p>																	
<b>12. Ecological information</b> <p>Decon 90 is biodegradable.</p> <p>Ready biodegradability by OECD 301E (ISO method 7287 - 1986(E)).</p>																	
<b>13. Disposal considerations</b> <p>Dispose of in accordance with regional and/or national regulations.</p>																	
<b>14. Transport information</b> <table> <tr> <td><b>UN Number</b></td><td>None</td></tr> <tr> <td><b>IMDG code</b></td><td>None</td></tr> <tr> <td><b>ADR/RID</b></td><td>None</td></tr> <tr> <td><b>OACI/IATA</b></td><td>None</td></tr> <tr> <td><b>Shipping name</b></td><td>As commercial name</td></tr> </table>		<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						
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## 15. Regulatory information

Classification	Irritant
Symbol	Xi
Risk phrases	R36/38
Safety phrases	S24/25 and S26

## 16. Other information

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***

