

Bacto Laboratories Pty Ltd.

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MATERIAL SAFETY DATA SHEET

PRODUCT: DECON 90

ISSUED BY: BACTO LABORATORIES PTY LTD

ISSUED: 01 AUG 07.

Not classified as Hazardous according to criteria of Worksafe Australia.

UN NO....:N/A D.G.CLASS: N/A
HAZCHEM...:N/A SUB. RISK:No Data
POISONS SCHEDULE: N/A SPEC.EPG.:No Data
PACK. GRP: N/A

PRODUCT IDENTIFICATION

CORRECT SHIPPING NAME:

DECON 90

OTHER NAMES:

In certain countries, Decon 90 is sold under the trade name : CONTRAD

TRADENAMES.: n/a

MANUF CODE: DEC90

ACTIVE 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

PHYSICAL PROPERTIES:

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

Melting point	-3.8°C (product is a liquid).
Boiling point	100.5°C.
Density	1.083 at 20°C.
Vapour pressure	17.1 mm Hg at 20°C.
Evaporation rate	0.34 (butyl acetate = 1).
Viscosity	6.27 cps at 20°C.
Solubility	Totally soluble in water. Miscible with water soluble solvents.
pH value	The concentrate has a pH in excess of pH13

USE:

Surface active cleaning agent, and/or radioactive decontaminant, for laboratory, medical and specialised industrial applications. For cleaning and/or decontaminating glassware, ceramics, rubbers, plastics, stainless steel and ferrous metals. Being alkaline, DECON 90 is NOT suitable for use on non-ferrous metals, notably aluminum and zinc, or on polycarbonate.

HEALTH HAZARD INFORMATION

ACUTE EFFECTS

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

continued on next page....

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FIRST AID

Eye Contact: rinse immediately with plenty of clean, flowing water and seek immediate medical attention.
Skin Contact: rinse with plenty of clean, flowing water & seek medical attention if persistent irritation.
Ingested: drink copious amounts of water and seek immediate medical attention. Do not promote vomiting.

PRECAUTIONS FOR USE

EXPOSURE STANDARDS:

ENGINEERING CONTROLS:

Maintain concentration below recommended exposure limit. Use ventilated area.

PERSONAL PROTECTION:

Avoid eye contact, prolonged skin contact & ingestion.

FLAMMABILITY:

None.
Flammable limits in air % by vol.: None.
Auto Ignition temp: None.
Flash point and method used: Closed cup method 38.1oC.

ENVIRONMENT:

Avoid contaminating waterways.
Decon 90 is biodegradable. Ready biodegradability by OECD 301E (ISO method 7287 - 1986(E)).

OTHER PRECAUTIONS:

None.

SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT:

Store between 5-27 °C. 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 strong acids and aluminum.
May react violently with strong acids. May produce hydrogen in contact with aluminum.
Will tend to corrode non-ferrous metals, notably aluminum and zinc.

SPILLS AND DISPOSAL:

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.

FIRE/EXPLOSION HAZARD: None.

OTHER SAFE HANDLING INFORMATION: None.

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

Contact Point:

AUSTRALIA:

Chemist, Bacto Laboratories Pty Ltd, (02) 9602 5499.

END OF MSDS