



Safety Data Sheet

Date of Issue: 12.01.2022

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1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Company Name : ECP Limited
Address : PO Box 34125, Birkenhead, Auckland 0746
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Emergency phone number : 0800 243 622 (24 hours)

Details of Australian Supplier : Chem-Supply Pty. Ltd., 38-50 Bedford Street, Gillman SA 5013, Australia.

Product Name	Decon 90
Product Code	D905
CAS No.	1310-58-3

Recommended use : Cleaning and decontaminating agent.

2: Hazard's identification

Signal Word : Warning



Hazard Statements:

H290 May be corrosive to metals.
H315 Causes skin irritation.
H319 Causes Serious eye irritation

Precautionary Statements:

P102 Keep out of reach of children.
P262 Do not get in eyes, on skin or on clothing.
P280 Wear protective gloves, protective clothing, eye / face protection.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do so. Continue rinsing.
P337+P313 If eye irritation persists, get medical advice/attention.

Other information : Not suitable for domestic applications.

3: Composition/information on ingredients

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

- Contains 0.5%-2% Potassium Hydroxide (KOH)

CAS No. 1310-58-3 - EC No. 215-181-3

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: Firefighting measures

Use extinguisher suitable to the cause of the fire.

6: Accidental release measures

Avoid contact with eyes and skin.

Dilute with large amounts of water.

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 eyes and skin.

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 aluminium.

Stored correctly, Decon 90 has a shelf life of 5 years.

8: Exposure controls/personal protection

Appropriate engineering controls -
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment -

Hand protection	:	Protective gloves
Eye protection	:	Chemical goggles or safety glasses
Skin and body protection	:	Wear suitable protective clothing
Respiratory protection	:	Wear respiratory protection

9: Physical and chemical properties

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

Melting point	:	Not applicable.
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	:	Completely soluble in water.
pH value	:	> pH 13.
Flammability	:	Not applicable.
Flash point	:	Not applicable.
Auto-Ignition temperature	:	Not applicable.
Explosive properties	:	Not applicable.

10: Stability and reactivity

Thermal decomposition	:	None known.
Hazardous thermal-decomposition products	:	None known.
Hazardous reactions	:	May react violently with strong acids. May produce hydrogen in contact with aluminium.
Further information	:	Will tend to corrode non-ferrous metals, notably aluminium and zinc.

11: Toxicological information

Will cause irritation to eyes and skin. Breathing spray mist may cause irritation.

If ingested, will cause irritation to gastro-intestinal tract.

12: Ecological information

Decon 90 is biodegradable.

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

High alkalinity may affect aquatic organisms if released into water course untreated.

13: Disposal considerations

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

14: Transport Information

UN Number	:	None
IMDG code	:	None
ADR/RID	:	None
ICAO/IATA	:	None
Shipping name	:	As commercial name

15: Regulatory information

Classification, Labelling & Packaging (CLP) Regulations.

Pictogram:



Signal word: Warning

A chemical safety assessment for this mixture has not been carried out.

16: Disclaimer

The information above is believed to be accurate and represents the best information currently available to us. However, the information is not a guarantee expressed or implied, with respect to such information, and we assume no liability resulting from its use. Anyone using the chemical described here should ensure that he or she has the appropriate training and has the expertise and any equipment required for safe handling. If clarification or further information is required, please contact ECP Ltd or refer to the official handler of dangerous goods within your own company. The user should also make their own investigations to determine the suitability of the product for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.

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