

Issue Date: 06/03/2019
Last Revision Date: 09/02/2024
Superseded Date: 06/03/2019
Version Number: 02

SAFETY DATA SHEET

Product Code: LIVINGSTONE

PAGE 1 OF 4

SECTION 1 PRODUCT IDENTIFICATION

Product : Decon 90 Liquid Decontaminant
In certain countries, Decon 90 is sold under the trade name: CONTRAD.

Use: Cleaning agent

SECTION 2 HAZARD IDENTIFICATION

GHS Hazard Class and Corrosive to metals (Category 1);
Skin corrosion/irritation (Category 2);
Serious Category eye damage/irritation (Category 2A).

Signal Word Warning

Hazard Statements H290 May be corrosive to metals.
H315 Causes skin irritation.
H319 Causes serious eye irritation

Pictogram



Exclamation Mark

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.

Australian Exposure Standard/s Potassium hydroxide - TWA 2 mg/m 3 (peak limitation)

SECTION 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.

Ingredient	CAS No.	EC No.	Hazard Symbol	Risk Phrase
Potassium Hydroxide (KOH)	1310-58-3	215-181-3	C	R22 Harmful if swallowed. R35 Causes severe burns.

SECTION 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.

Information provided on this document is presented in good faith and believed to be correct based on the best data currently available, Livingstone International makes no representations or warranties, expressed or implied as to the completeness or accuracy of the information. In no event will Livingstone International be liable for any errors or omissions in the information provided herein. Information is supplied upon the condition that any persons or corporate receiving same will make independent determination as to its suitability for their own purposes prior to use, and in no event will Livingstone International be responsible for damages of any nature whatsoever resulting from the use of product or reliance upon information provided. Information is provided on an "as is" basis, no representation or warranties, either expressed or implied of fitness for a particular purpose or of any other nature are made herein with respect to information of the product.

Issue Date: 06/03/2019
Last Revision Date: 09/02/2024
Superseded Date: 06/03/2019
Version Number: 02

SAFETY DATA SHEET

Product Code: LIVINGSTONE

PAGE 2 OF 4

SECTION 5 FIRE FIGHTING MEASURES

Extinguishing media

- There is no restriction on the type of extinguisher which may be used.
- Use extinguishing media suitable for surrounding area.

Special hazards arising from the substance or mixture

Fire Incompatibility

None known

Advice for firefighters

Fire Fighting

- Alert Fire Brigade and tell them location and nature of hazard.
- Wear breathing apparatus plus protective gloves in the event of a fire.
- Prevent, by any means available, spillage from entering drains or water courses.
- Use fire fighting procedures suitable for surrounding area.
- DO NOT approach containers suspected to be hot.
- Cool fire exposed containers with water spray from a protected location.
- If safe to do so, remove containers from path of fire.

Fire/Explosion Hazard

- Non combustible.
- Not considered a significant fire risk, however containers may burn.
- May emit poisonous fumes
- May emit corrosive fumes

SECTION 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.

SECTION 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

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Wear safety goggles and nitrile or PVC gloves when handling.
Clothes should be protected with an alkali resistant apron, to prevent contact.

Occupational exposure limit: Potassium Hydroxide 2mg/m³ OES 15 min STEL

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

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

Melting point: Not applicable.

Information provided on this document is presented in good faith and believed to be correct based on the best data currently available, Livingstone International makes no representations or warranties, expressed or implied as to the completeness or accuracy of the information. In no event will Livingstone International be liable for any errors or omissions in the information provided herein. Information is supplied upon the condition that any persons or corporate receiving same will make independent determination as to its suitability for their own purposes prior to use, and in no event will Livingstone International be responsible for damages of any nature whatsoever resulting from the use of product or reliance upon information provided. Information is provided on an "as is" basis, no representation or warranties, either expressed or implied of fitness for a particular purpose or of any other nature are made herein with respect to information of the product.

Issue Date: 06/03/2019
Last Revision Date: 09/02/2024
Superseded Date: 06/03/2019
Version Number: 02

SAFETY DATA SHEET

Product Code: LIVINGSTONE

PAGE 3 OF 4

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.

SECTION 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.

SECTION 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.

SECTION 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.

SECTION 13 DISPOSAL CONSIDERATIONS

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

SECTION 14 TRANSPORT INFORMATION

UN Number : None
IMDG code : None
ADR/RID : None
ICAO/IATA : None

Information provided on this document is presented in good faith and believed to be correct based on the best data currently available, Livingstone International makes no representations or warranties, expressed or implied as to the completeness or accuracy of the information. In no event will Livingstone International be liable for any errors or omissions in the information provided herein. Information is supplied upon the condition that any persons or corporate receiving same will make independent determination as to its suitability for their own purposes prior to use, and in no event will Livingstone International be responsible for damages of any nature whatsoever resulting from the use of product or reliance upon information provided. Information is provided on an "as is" basis, no representation or warranties, either expressed or implied of fitness for a particular purpose or of any other nature are made herein with respect to information of the product.

Issue Date: 06/03/2019
Last Revision Date: 09/02/2024
Superseded Date: 06/03/2019
Version Number: 02

SAFETY DATA SHEET

Product Code: LIVINGSTONE

PAGE 4 OF 4

Shipping name : As commercial name

SECTION 15 REGULATORY INFORMATION

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

SECTION 16 OTHER INFORMATION

Reason for Revision: To bring to date

END OF SDS

Information provided on this document is presented in good faith and believed to be correct based on the best data currently available, Livingstone International makes no representations or warranties, expressed or implied as to the completeness or accuracy of the information. In no event will Livingstone International be liable for any errors or omissions in the information provided herein. Information is supplied upon the condition that any persons or corporate receiving same will make independent determination as to its suitability for their own purposes prior to use, and in no event will Livingstone International be responsible for damages of any nature whatsoever resulting from the use of product or reliance upon information provided. Information is provided on an "as is" basis, no representation or warranties, either expressed or implied of fitness for a particular purpose or of any other nature are made herein with respect to information of the product.