

D-KLEEN**MATERIAL SAFETY DATA
SHEET****D-KLEEN**

File No.: 225533860

D-KLEEN

1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY

Product Name	:	D-KLEEN
Supplier Details	:	Deosan New Zealand Ltd. 20 Seddon Street Waharoa Telephone: 0800 336 726 (0800 DEOSAN) Fax: 07 888 5624 Email: info@deosan.co.nz
Product & Sales Enquiries	:	0800 336 726 (0800 DEOSAN)
Emergency Contact Numbers	:	24 hour company contact: 0800 DEOSAN (0800 336 726) Specialist Advice: 0800 CHEMCALL (0800 243 622) Medical Advice –National Poisons Centre 0800 POISONS (0800 764 766) Ecotoxic Spillage – Call Regional Council Pollution Response Service: 0800 800 401
Product Details	:	General purpose detergent for hand washing of equipment, surfaces around the farm and domestic use.

2. HAZARDS IDENTIFICATION

- Not classified as hazardous.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Components	CAS- No.	Concentration [%]
Alkyl Benzene Sulphonic Acid	68584-22-5	<5.0
Sodium Lauryl Diethoxysulphate	9004-82-4	<10.0
Urea	-----	<5.0
EDTA Sodium Salt	64-02-8	<2.0
Anstead Brown Dye	-----	<0.1
Water	7732-18-2	To 100%

4. FIRST AID MEASURES

If Swallowed: Rinse mouth. Do NOT induce vomiting, drink large quantities of water or milk.

If In Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do, continue rinsing.

If On Skin (or Hair): Rinse skin with water/shower. Wash with plenty of soap and water. Wash contaminated clothing before re use.

5. FIRE-FIGHTING MEASURES

D-KLEEN product is not flammable. Any fire extinguishers used in the vicinity are to be suitable for the combustibles in the area. Do not apply water directly onto open quantities of product, always dilute product into water.

Fire-fighters should wear full protective clothing suitable for chemical hazards with self contained breathing apparatus.

HAZCHEM Code: 2X

D-KLEEN

6. ACCIDENTAL RELEASE MEASURES

Wear protective gloves, clothing and eye/face protection.
Keep unnecessary people away from the hazardous area.
Dike spillage area to prevent runoff and contamination of water sources; Clean up by absorbing with sand or soil, or diluting with water and then remove contaminants to a chemical disposal area.

7. HANDLING AND STORAGE

Read Label Before Use.

Handling: Wear protective gloves, clothing and eye/face protection. Do not eat, drink or smoke when using this product, wash hands thoroughly after handling.
Keep only in original container.
Do not release to the environment.

Storage: Store in corrosive resistant container with a resistant liner.
Store locked up.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

No specific exposure guidelines available

Engineering Controls

No specific exposure controls are needed.

Personal Protective Equipment (PPE)

When handling product at all times wear:

- PVC protective gloves
- Protective clothing
- Safety Glasses/Goggles/Face Shield
- Chemical/water proof boots
- Chemical resistant apron

9. PHYSICAL AND CHEMICAL PROPERTIES

Specifications	
Appearance	Brown/Amber Liquid
Odour	None
pH	6.5 – 8.0
Vapour Pressure	Not available for substance
Vapour Density	Not available for substance
Boiling Point	~100°C
Freezing Point	~0°C
Solubility	Completely in water
Specific Gravity	1.03 – 1.04 gm/ml at 20°C

10. STABILITY AND REACTIVITY

Stability

D-KLEEN is a stable product.

Reactivity

Always add D-KLEEN to water.

Hazardous Reactions

Hazardous reaction if **D-KLEEN** solutions are mixed with Alkali's.
Chlorine gas is emitted if solutions are mixed with Chlorinated compounds.

D-KLEEN

11. TOXICOLOGICAL INFORMATION

General	D-KLEEN is harmful if not handled appropriately.
Oral toxicity:	If swallowed will cause irritation of digestive tract.
Skin irritation:	May cause a mild irritation on the effected area.
Eye irritation:	Irritant on eyes.

12. ECOLOGICAL INFORMATION

Harmful to aquatic life, prevent spillage into waterways.

13. DISPOSAL CONSIDERATIONS

Return unwanted product to the manufacturer for disposal or contact the Regional Council for local chemical disposal area details.

Empty container may contain product traces rinse container well while wearing appropriate safety equipment, remove labels and dispose in Landfill or Incinerator.

14. TRANSPORT INFORMATION

UN Number	N/A
Proper Shipping Name	Non Hazardous, Liquid, NOS
DG Class	N/A
Packing Group	III
Special Precautions	None
HAZCHEM Code	2X

15. REGULATORY INFORMATION

ERMA Registration Number: N/A

Agri Quality approved for fish, meat and game.

HSNO Group Standard Name: N/A

Approved Handler: Not Required

Labelling in accordance with: HSNO regulations: - **Not classified as hazardous**

16. OTHER INFORMATION

Version 2.0

Issue Date: 26-08-2008

Review Date: 26-08-2008

Glossary

ERMA – The Environmental Risk Management Authority of New Zealand

HSNO – Hazardous Substances and New Organisms Act 1996

pH – Measure of how acidic or alkaline a material is using a 1-14 scale. pH 1 is strongly acidic and pH14 is strongly alkaline.

TWA – Time Weighted Average. The average concentration of a chemical in air over the total exposure time – usually an 8-hour workday

The information on this Safety Data Sheet reflects the latest information and data that we have on hazards, properties, and handling of this product under the recommended conditions of use. Any use of this product or method of application which is not described on the label is the responsibility of the user.