

MATERIAL SAFETY DATA SHEET

1. Identification of Preparation and Company

Product Name: Lancerclean Detergent
Product Code: CC012
Catalogue Code Prefix: LCD
Recommended Use: Detergent for use in laboratory washers.
Review / Issue No: 5
Review / Issue Date: 21/07/2003
Supplier: Lancer UK Ltd
Address: 1 Pembroke Avenue, Waterbeach, Cambridge CB5 9QR
Telephone No: 01223 861665
Fax No: 01223 861990

2. Composition/Information on ingredients

Component	Classification	Concentration	EINECS	CAS	Risk Phrases
Sodium Hydroxide	Corrosive	< 5%	215-185-5	1310-73-2	R35 Causes severe burns
Nitrilo Triacetic Acid, Trisodium Salt	Irritant	10-15%	225-786-6	-	R36 Irritating to the eyes

3. Hazards Identification

Classification: This product is classified as Corrosive under Chemicals (Hazard Information and Packaging for Supply) Regulations as amended.
Health Hazards: The product causes burns to the skin, eyes and respiratory system. Sodium hydroxide is assigned an OES of 2 mg/m³.
Environmental Hazards: The detergent components of this product are biodegradable. The neat product is corrosive to plants and animals.

4. First Aid Measures

Eye Contact: Seek immediate medical advice. Irrigate eye(s) with plenty of clean water.
Skin Contact: Wash with plenty of water. Seek immediate medical advice if any irritation persists.
Ingestion: Seek immediate medical advice. Give 0.2 litres of water or milk to drink. Do not induce vomiting.
Inhalation: Remove the casualty from exposure and seek medical attention.

5. Fire Fighting Measures

Extinguishing Media: Use any available extinguisher.
Special Exposure Hazards: Corrosive liquid.
Protective Equipment: Wear full fire fighting protective clothing including self contained breathing apparatus.

6. Accidental Release Measures

Personal Precautions: Wear nitrile gloves, goggles, chemical resistant overalls/boots, and type approved respiratory protective equipment.
Environmental Precautions: Do not allow large quantities to enter surface waters. Contact local authorities for further information.
Clean Up: Absorb with sand or other suitable absorbent media and dispose of to an approved land fill site. Flush area with copious amounts of water. For large spillages inform local authorities.

7. Handling and Storage

Handling: Avoid Contact with skin and eyes
Storage: Protect from extremes of temperature and store out of direct sunlight.

8. Exposure Controls/Personal Protection

Exposure Limit Values: This product contains sodium hydroxide assigned an OES of 2mg/m³.
Exposure Controls: Not required in normal use.
Respiratory Protection: In emergency situations, or if handling large quantities of neat material, wear an alkali absorbent full facial breathing mask.
Hand Protection: Wear nitrile gloves. Degradation >480 minutes.
Eye Protection: Wear chemical resistant goggles.
Skin Protection: Wear chemical resistant overalls and boots.
Environmental: Do not allow large quantities to enter surface waters.

Lancerclean Detergent (Cont'd)

9. Physical & Chemical Properties

Appearance:	A pale straw colour, non-foaming water thin liquid.
Odour:	Characteristic of ammonia.
pH:	14
SG at 20°C:	1.120→1.140
Miscibility:	Miscible in water.
Flash Point:	Product does not support combustion.

10. Stability and Reactivity

Stability:	Stable
Conditions To Avoid:	Extremes of temperature. Direct sunlight.
Materials To Avoid:	Do not mix with any other cleaning chemicals
Decomposition Products:	N/A

11. Toxicological Information

Classification:	Corrosive.
Eye Contact:	Will causes burns.
Skin Contact:	Will causes burns.
Inhalation:	Inhaled vapours will cause burns to the respiratory system.
Ingestion:	Will cause burns to the mouth and digestive system.

12. Ecological Information

Biodegradability:	The detergent components in this product are biodegradable.
Mobility:	Miscible in water.

13. Disposal Considerations

Spillages:	Absorb large spills with sand or other inert media, and dispose of to an approved land fill site. Contact local authorities for further information.
Waste Material:	Dispose of to an approved land fill site, contact local authorities for further information.

14. Transport Information

Hazard Classification:	Corrosive	Class:	8
Packing Group:	III	UN Number:	1719
Shipping Name:	CAUSTIC ALKALI LIQUID, N.O.S.		

15. Regulatory Information

Classification:	Corrosive		
Symbol:	C		
Ingredients:	Contains sodium hydroxide		
Mandatory Risk Phrases:	R34	Causes burns	
Mandatory Safety Phrases:	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
	S36/37/39	Wear suitable protective clothing, gloves and eye/face protection	
	S45	In case of accident or if you feel unwell, seek medical advice immediately (show label where possible)	
Recommended Safety Phrases:	S1/2	Keep locked up and out of the reach of children	
	S24/25	Avoid contact with skin and eyes	
	S28	After contact with skin, wash immediately with plenty of water.	
Additional Safety Information:	None		

The information contained in this Data Sheet does not constitute the users own assessment of workplace risk as required by other Health & Safety Legislation.

16. Other Information

Training:	It is recommended that all users are trained in the safe handling of chemicals, and undertake a risk assessment in the use of this product.
Recommended Use:	Detergent for use in laboratory washers.
Product Description:	Lancerclean detergent
Use Instructions:	For machine use only – not for use by hand. Add solution to your machine either manually or by automatic injection at a concentration of 15ml per litre of water, directly into the wash tank water.
Revised Information:	Sections 1, 2, 8 & 16