

**SAFETY DATA SHEET****LEPTON**Revision 0  
Revision date 14-Jan-2011**1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY**

**Product name** LEPTON

**Company** De Sangosse Ltd  
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**2 HAZARDS IDENTIFICATION.**

**Main hazards** Irritating to eyes, respiratory system and skin. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**3 . COMPOSITION / INFORMATION ON INGREDIENTS.****Hazardous ingredients**

	<b>Conc.</b>	<b>CAS</b>	<b>EINECS</b>	<b>Symbols/Risk phrases</b>
Alkyl polyglycoside	1 - 10%	68515-73-1		Xi;R41
ZINC AMMONIUM ACETATE SOLUTION	20 - 40%			C;R34
Manganese Actetate Tetrahydrate	1 - 10%			Xi; R36/37/38
Copper Sulphate Pentahydrate	1 - 10%	7758-99-8		Xn;R22 Xi;R36 Xi;R38 N;R50/53

**4. FIRST AID MEASURES**

**Skin contact** Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

**Eye contact** Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

**Inhalation** Irritating to respiratory system. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.

**Ingestion** Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING.

**5. FIRE FIGHTING MEASURES**

**Extinguishing media** Carbon dioxide (CO2)

**Fire hazards** Burning produces irritating, toxic and obnoxious fumes.

**Protective equipment** Wear suitable respiratory equipment when necessary.

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## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Ensure adequate ventilation of the working area. Wear suitable protective equipment.
<b>Environmental precautions</b>	Do not allow product to enter drains. Prevent further spillage if safe.
<b>Clean up methods</b>	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
<b>Storage</b>	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Engineering measures</b>	Ensure adequate ventilation of the working area.
<b>Respiratory protection</b>	Wear: Suitable respiratory equipment.
<b>Hand protection</b>	Chemical resistant gloves (PVC)
<b>Eye protection</b>	Approved safety goggles.
<b>Protective equipment</b>	Wear chemical protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Description</b>	Liquid.
<b>Colour</b>	Blue.
<b>Odour</b>	Slight.
<b>pH</b>	5 - 6
<b>Boiling point</b>	approx 100°C
<b>Flammability limits</b>	not classified as flammable
<b>Explosive</b>	not classified as explosive
<b>Oxidising</b>	not classified as oxidising
<b>Water solubility</b>	soluble in water.

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions.
<b>Conditions to avoid</b>	Do NOT allow to freeze.
<b>Materials to avoid</b>	Alkaline solution. Bases.
<b>Hazardous decomposition products</b>	Irritant Fumes.

## 11. TOXICOLOGICAL INFORMATION

<b>Toxicological information</b>	No data is available on this product.
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## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	May cause long-term adverse effects in the aquatic environment.
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## 13. DISPOSAL CONSIDERATIONS

<b>General information</b>	Dispose of in compliance with all local and national regulations.
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## 14. TRANSPORT INFORMATION

<b>Further information</b>	The product is not classified as dangerous for carriage.
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## 15. REGULATORY INFORMATION

<b>Labelling</b>	The product is classified in accordance with 67/548/EEC.
<b>Symbols</b>	Xi - Irritant 
<b>Risk phrases</b>	R36/37/38 - Irritating to eyes, respiratory system and skin. R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## 16. OTHER INFORMATION

<b>Text of risk phrases in Section 3.</b>	R22 - Harmful if swallowed. R34 - Causes burns. R36 - Irritating to eyes. R36/37/38 - Irritating to eyes, respiratory system and skin. R38 - Irritating to skin. R41 - Risk of serious damage to eyes. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
<b>Further information</b>	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.