



## SAFETY DATA SHEET LANFLOC CW-10

### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**PRODUCT NAME** LANSFLOC CW-10  
**SUPPLIER** Lansdowne Aquatec  
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### 2 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
ACETIC ACID ...%	200-580-7	64-19-7	5-10%	R10 C;R35
GLYCEROL	200-289-5	56-81-5	5-10%	-

The Full Text for all R-Phrases are Displayed in Section 16

### COMPOSITION COMMENTS

Cationic copolymer of acrylamide in aqueous emulsion

### 4 FIRST-AID MEASURES

#### INHALATION

Move the exposed person to fresh air at once.

#### INGESTION

DO NOT INDUCE VOMITING! Wash out mouth with water if person is conscious - call a physician.

#### SKIN CONTACT

Remove contaminated clothes and rinse skin thoroughly with water.

#### EYE CONTACT

Important! Immediately rinse with water for at least 15 minutes. Obtain medical attention and bring these instructions.

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Extinguish with foam, carbon dioxide, dry powder or water fog.

#### SPECIFIC HAZARDS

By fire, toxic gases may be formed (COx, NOx). Sulphurous gases (SOx). Hydrogen chloride (HCl). NH3

#### PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

### 6 ACCIDENTAL RELEASE MEASURES

# LANFLOC CW-10

## PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. In case of spills, beware of slippery floors and surfaces. Avoid contact with skin and eyes.

## ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto the ground.

## SPILL CLEAN UP METHODS

Absorb with sand or other inert absorbent. Shovel into dry containers. Cover and move the containers. Flush the area with water.

## 7 HANDLING AND STORAGE

### STORAGE PRECAUTIONS

containers at between 5-40 Deg C. Store in tightly closed original container in a dry, cool and well-ventilated place.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
ACETIC ACID ...%		10	25 mg/m3	15 ppm	37 mg/m3

### INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

### PROTECTIVE EQUIPMENT



### ENGINEERING MEASURES

Provide adequate ventilation.

### RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit.

### HAND PROTECTION

Rubber gloves are recommended.

### EYE PROTECTION

Wear approved safety goggles.

### OTHER PROTECTION

Provide eyewash station and safety shower.

### HYGIENE MEASURES

No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Aqueous emulsion		
COLOUR	milky white		
ODOUR	Weak		
SOLUBILITY	Soluble in water		
MELTING POINT (°C)	-10	RELATIVE DENSITY	1.2 gr/cc approx
pH-VALUE, CONC.	3.0-4.1	VISCOSITY	25-500cp
SOLUTION			

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions.

### CONDITIONS TO AVOID

Avoid excessive heat for prolonged periods of time.

**LANFLOC CW-10****MATERIALS TO AVOID**

Alkali Strong oxidising substances. Water, steam, water mixtures.

**HAZARDOUS DECOMPOSITION PRODUCTS**

Hydrogen chloride (HCl). By fire, toxic gases (CO, CO<sub>2</sub>, NO<sub>x</sub>) may be formed. NH<sub>3</sub>

**11 TOXICOLOGICAL INFORMATION**

**TOXIC DOSE 1 - LD 50** 7500 mg/kg (oral-mouse)

**INHALATION**

May be harmful if inhaled.

**INGESTION**

May be harmful if swallowed.

**SKIN CONTACT**

May cause skin irritation May be harmful if absorbed through the skin.

**EYE CONTACT**

May cause eye irritation.

**12 ECOLOGICAL INFORMATION**

**LC 50, 96 Hrs, FISH mg/l** rainbow trout 7.3

**EC 50, 48 Hrs, DAPHNIA, mg/l** 95

**DEGRADABILITY**

BOD<sub>5</sub>: 9.700 ppm COD: 130.000ppm

**13 DISPOSAL CONSIDERATIONS****DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements.

**14 TRANSPORT INFORMATION**

**ADR CLASS** No transport warning sign required.  
Not classified for transportation.

**15 REGULATORY INFORMATION**

**CONTAINS** ACETIC ACID 5%  
GLYCEROL

**RISK PHRASES** NC Not classified.

**SAFETY PHRASES** P13 Safety data sheet available for professional user on request.

**16 OTHER INFORMATION****INFORMATION SOURCES**

Material Safety Data Sheet, Misc. manufacturers.

**REVISION COMMENTS**

This is first issue.

**REVISION DATE** 10/08  
**REV. NO./REPL. SDS GENERATED** 000  
**SDS NO.** 11085  
**DATE** 10/08

**LANFLOC CW-10****RISK PHRASES IN FULL**

R10 Flammable.  
R35 Causes severe burns.

**DISCLAIMER**

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.