



## SAFETY DATA SHEET LANFLOC PA-410

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

**PRODUCT NAME** LANSFLOC PA-410  
**PRODUCT NO.** PA-410  
**SUPPLIER** Lansdowne Aquatec  
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### 2 HAZARDS IDENTIFICATION

Irritating to eyes and skin.

**CLASSIFICATION** Xi;R36/38.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
CATIONIC WATER-SOLUBLE POLYMER			60-100%	-

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

### 4 FIRST-AID MEASURES

#### INHALATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

#### INGESTION

DO NOT INDUCE VOMITING! Rinse mouth. Give water to drink. Get medical attention.

#### SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

#### EYE CONTACT

Important! Immediately rinse with water for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials.

#### SPECIFIC HAZARDS

In case of fire, toxic gases may be formed.

#### PROTECTIVE MEASURES IN FIRE

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

### 6 ACCIDENTAL RELEASE MEASURES

#### 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.

**LANFLOC PA-410****ENVIRONMENTAL PRECAUTIONS**

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

**SPILL CLEAN UP METHODS**

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

**7 HANDLING AND STORAGE****USAGE PRECAUTIONS**

Avoid spilling, skin and eye contact. Observe good industrial hygiene practices. Wear suitable protective clothing. Avoid inhalation of vapours.

**STORAGE PRECAUTIONS**

It is recommended to store the product within the temperature range of 10 - 40 deg C Avoid extreme temperatures It is not recommended to keep the product for more than 6 months

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION****INGREDIENT COMMENTS**

No exposure limits noted for ingredient(s).

**PROTECTIVE EQUIPMENT****ENGINEERING MEASURES**

Provide adequate general and local exhaust ventilation.

**RESPIRATORY EQUIPMENT**

If ventilation is insufficient, suitable respiratory protection must be provided.

**HAND PROTECTION**

Protective gloves must be used if there is a risk of direct contact or splash.

**EYE PROTECTION**

Wear approved safety goggles.

**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**

<b>APPEARANCE</b>	Liquid		
<b>COLOUR</b>	Yellow		
<b>ODOUR</b>	Light		
<b>PHYSICAL DATA</b>	Freezing Point: 0 deg C approx.		
<b>COMMENTS</b>			
<b>BOILING POINT (°C)</b>	100 approx.	<b>RELATIVE DENSITY</b>	1.14-1.16 g/cc 20
<b>VAPOUR PRESSURE</b>	The same of water	<b>pH-VALUE, CONC. SOLUTION</b>	2.5-6.0
<b>VISCOSITY</b>	400-1500 cp 20		

**10 STABILITY AND REACTIVITY****CONDITIONS TO AVOID**

Extreme temperatures Especially those close to 0 deg C

**MATERIALS TO AVOID**

Strong oxidising substances.

**HAZARDOUS DECOMPOSITION PRODUCTS**

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

**LANFLOC PA-410****11 TOXICOLOGICAL INFORMATION**

**TOXIC DOSE 1 - LD 50** >2000 mg/kg (oral-mouse)

**INHALATION**

May be harmful if inhaled. May cause irritation to the respiratory system.

**INGESTION**

May be harmful if swallowed.

**SKIN CONTACT**

Slightly irritating.

**EYE CONTACT**

Irritating to eyes.

**12 ECOLOGICAL INFORMATION**

**LC 50, 96 Hrs, FISH mg/l** 1-10

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

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

**14 TRANSPORT INFORMATION**

**ADR CLASS** Not classified for transportation.

**15 REGULATORY INFORMATION****LABELLING**

Irritant

**CONTAINS**

CATIONIC WATER-SOLUBLE POLYMER

**RISK PHRASES**

R36/38 Irritating to eyes and skin.

**SAFETY PHRASES**

S24/25 Avoid contact with skin and eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S39 Wear eye/face protection.

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

Material Safety Data Sheet, Misc. manufacturers.

**REVISION DATE** 02/08

**REV. NO./REPL. SDS** 000

**GENERATED**

**SDS NO.** 11023

**RISK PHRASES IN FULL**

NC Not classified.

**LANFLOC PA-410****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.