



SAFETY DATA SHEET LANFLOC CP-45

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

PRODUCT NAME LANSFLOC CP-45
PRODUCT NO. LANSFLOC-CP45
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2 HAZARDS IDENTIFICATION

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

3 COMPOSITION/INFORMATION ON INGREDIENTS

4 FIRST-AID MEASURES

INHALATION

Product does not produce dangerous vapours under normal handling. If any trouble however, Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

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).

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. Avoid contact with skin and eyes.

ENVIRONMENTAL PRECAUTIONS

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

LANFLOC CP-45

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

USAGE PRECAUTIONS

Avoid eating, drinking and smoking when using the product. Avoid inhalation of vapours/spray and contact with skin and eyes.

USAGE DESCRIPTION

We recommend you don't keep the product longer than 6 months

STORAGE PRECAUTIONS

containers at between 5-40 Deg C. Store in tightly closed original container in a dry, cool and well-ventilated place. This product is hygroscopic and could be effected if exposed to local atmosphere for long periods of time.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

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	Granular SOLID
COLOUR	milky white
ODOUR	No characteristic odour.
SOLUBILITY	Soluble in water
pH-VALUE, CONC. SOLUTION	2.5-4.5 (5g/l)

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid excessive heat for prolonged periods of time.

MATERIALS TO AVOID

Alkali Strong oxidising substances. Strong reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

None at ambient temperatures. If heated, vapours/gases hazardous to health (e.g. CO, NOx, HCl, isocyanates) may be formed.

LANFLOC CP-45**11 TOXICOLOGICAL INFORMATION**

TOXIC DOSE 1 - LD 50 >5000 mg/kg (oral rat)

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**ECOTOXICITY**

The aquatic toxicity is highly mitigated by the presence of dissolved organic carbon in the water. Results obtained using the US EPA " Dirty water" test show that irreversible absorption onto suspended matter and dissolved organics (Such as humic and other organic acids) present in natural water reduces the toxicity to aquatic organisms by a factor of over 10.

BIOACCUMULATION

Not anticipated.

DEGRADABILITY

The product is easily biodegradable. The Product is rapidly eliminated from aquatic medium through irreversible adsorption onto suspended matter and dissolved organics.

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**RISK PHRASES**

NC Not classified.

SAFETY PHRASES

NC Not classified.

16 OTHER INFORMATION

REVISION DATE 01/08
REV. NO./REPL. SDS GENERATED 001
SDS NO. 11004

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.