



HANSA GROUP AG

Hansanol N

UC 1266

Batch 05707

Anlagenpro

aus pH – Kre

07.03.2007

Surfactants

# HANSA GROUP AG.

So that the chemistry is right for you – our product range.



## ANIONIC SURFACTANTS

### Ether sulfates (LES)

#### **Hansanol NS 242 (conc)**

Sodium Laureth Sulfate, 2 EO 27% (70%), Lauryl myristyl ether (2) sulfate, sodium salt 27% with preservation, (70%) without preservation. Very high-foam base surfactants (native) for the manufacture of detergents and cleansers as well as for cosmetic and technical formulations.

#### **Hansanol NS 242 A**

Sodium Laureth Sulfate, 2 EO 27%, Lauryl myristyl ether (2) sulfate, sodium salt 27%. Very high-foam base surfactants (native) for the manufacture of detergents and cleansers as well as for cosmetic and technical formulations. Alkaline and not preserved.

#### **Hansanol NS 242 BEN**

Sodium Laureth Sulfate, 2 EO 27%, Lauryl myristyl ether (2) sulfate, sodium salt 27%. Very high-foam base surfactants (native) for the manufacture of detergents and cleansers as well as for cosmetic and technical formulations. With preservation, based on sodium benzoate.

#### **Hansanol NS 243 (conc)**

Sodium Laureth Sulfate, 3 EO 28% (70%), Lauryl myristyl ether (3) sulfate, sodium salt 28% with preservation, (70%) without preservation. Very high-foam base surfactants (native) for the manufacture of detergents and cleansers as well as for cosmetic and technical formulations.

#### **Hansanol NS 243 MG (conc)**

Magnesium Laureth Sulfate, 3 EO 27% (70%), Lauryl myristyl ether (3) sulfate, magnesium salt 27% with preservation, (70%) without preservation. Very high-foam base surfactants (native) for the manufacture of detergents and cleansers as well as for cosmetic (baby shampoos) and technical formulations.

## Alkylbenzene sulfonic acids and sulfonates

#### **Lutensit A-LBS**

Linear alkylbenzene sulfonic acid (C10-C13) from Wibarcan.

#### **Lutensit A-LBN 63**

Linear sodium alkylbenzene sulfonate 63% in water based on Wibarcan. With lower concentration (50%, 30%, ...) available.

## Fatty alcohol sulfates (FAS)

#### **Hansanol AS 240**

Sodium Lauryl Sulfate 30%, Lauryl myristyl sulfate, sodium salt 30%. Base surfactants and emulsifiers for cosmetic and technical formulations, preserved.

#### **Hansanol AS 240 A**

Sodium Lauryl Sulfate 30%, Lauryl myristyl sulfate, sodium salt 30%. Base surfactants and emulsifiers for cosmetic and technical formulations. Alkaline and not preserved.

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## Hansanol AS 240 T

TEA Lauryl Sulfate, Lauryl myristyl sulfate, triethanolamine salt 40%. Base surfactants and emulsifiers for the manufacture of detergents and cleansers.

## Hansanol AS 240 P

Sodium Lauryl Sulfate 90% powder, Lauryl myristyl sulfate, sodium salt 90%. Base surfactants and emulsifiers for the manufacture of detergents and cleansers.

## Alpha Olefin Sulfonates (AOS)

### Hansanyl OS

Sodium C14-C16, Olefin Sulfonate 37%. Very high-foam base surfactants for the manufacture of detergents and cleansers as well as for construction and other technical formulations. Preserved.

### Hansanyl OS A

Sodium C14-C16, Olefin Sulfonate 37%. High-foam base surfactants for the manufacture of detergents and cleansers as well as for construction and other technical formulations. Alkaline and not preserved.

## NON-IONIC SURFACTANTS

### Coconut fatty acid diethanolamide

#### Hansamid CFAD

Cocamide DEA, amide content 86%. Base surfactant for use as a foam stabilizer or as a thickening agent for cosmetic formulations.

## Fatty Alcohol Ethoxylates (FAEO)

Depending on the degree of ethoxylation oil or water soluble, native base surfactants with excellent wetting, washing, cleaning, dirt carrying and homogenizing capacity. Emulsifiers in textile preparation; wetting agent and detergent in textile pre-treating; dispergent in textile dyeing. Lower degrees of ethoxylation as well as synthetic products are available on request.

**Hansanolat FA 1214/2 Lauryl Myristyl (C12-C14) Ethoxylate**

**Hansanolat FA 1214/5 Lauryl Myristyl (C12-C14) Ethoxylate**

**Hansanolat FA 1214/7 Lauryl Myristyl (C12-C14) Ethoxylate**

**Hansanolat FA 1218/5 Lauryl Stearyl (C12-C18) Ethoxylate**

**Hansanolat FA 1218/7 Lauryl Stearyl (C12-C18) Ethoxylate**

## AMPHOTERIC SURFACTANTS

### Betaine

#### Hansateric CAPB 35

Cocamidopropyl betaine 35%, active content 35%, mild co-surfactant, foam stabilizer (foam booster).

#### Hansateric CAPB 45

Cocamidopropyl betaine 45%, active content 45%, mild co-surfactant, foam stabilizer (foam booster).

## ALKANOLAMINES

Intermediate products, emulsifiers for technical, aqueous formulations such as lubricant/coolants and oil additives.

Additional applications as corrosion inhibitors, neutralisers and dispersants, also in pharmaceutical formulations.

### Monoethanolamine

### Diethanolamine

### Triethanolamine





## HANSA GROUP AG

HANSA GROUP AG is a medium-sized manufacturing, trading and service providing listed company in the chemical field.

We are manufacturer of surfactants and other chemical primary and intermediate products, trading company for chemicals so as service provider for logistics, lab analysis and toll manufacturing.

Production locations equipped with modern plants are Duisburg und Düren. At the same time the international logistics turnstile Duisburg is the distribution centre of the HANSA GROUP AG.



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## GLYCERINE

Application in synthetic resin production, pharmaceuticals, cosmetics and foods as a moisture retention agent.

Vegetable based raw material, meets all USP requirements and is available as kosher on request.

**Glycerine 86,5%**

**Glycerine 99,5%**

## Linear Alkylbenzene (LAB)

### Wibarcan

Linear Alkylbenzene (C10-C13) is used mainly for producing linear alkylbenzene sulfonic acids (Lutensit A-LBS).

## Heavy alkylates (HAB)

Intermediate products: sulfonates, corrosion inhibitors, lubricating oil additives, thermo transfer oils, motor oils, transmission oils, greases, solvents, softening agents, electrical insulating oils, oil field chemicals, waterproofing agents, leather treatment agents.

**Wibaryl F undistilled**

**Wibaryl A Diphenylalkane**

**Wibaryl B Dialkylbenzene**

**Wibaryl R SAB residue**

## Hydrochloric acid 30%

Technical

## Aluminium chloride solution

approx. 25% aqueous solution