



LANACARE SENSITIVE - No.1

Detergent for use in professional wet cleaning
for delicate textiles and fibers



APPLICATION

- For professional wet cleaning according to the Concord Textile methodology
- For delicate textiles and fibers (wool, silk...)
- Cleans and protects fibers against shrinkage, provides a soft touch and revives colors

DOSAGE

- 10 to 15 ml per kg de garment according to water hardness and textile

USE

- Use **exclusively** with the Concord Textile wet cleaning programs on suitable wet cleaning equipment (washer, dosing system, dryer) and in combination with the **LanaCare Conditioner** (conditioner Wool & Silk).
- For best results and efficient dosing use soft water (French degrees °fH < 10 or < 100 ppm)
- In case of doubt with regard to the handling of certain textiles please refer to the Concord Textile Wet Cleaning Guide or contact your Concord Textile representative.



PROPERTIES

- Appearance : Golden / yellow liquid
- Ph Value : Approx. 3-4
- Flash point: > 100°C
- Solubility : Miscible in water

PICTOGRAM / DANGER SYMBOL



Refer to the Safety Data Sheet for more information.

STORAGE

- Keep out away from heat sources
- Protect the container opening; preferably use a suction lance that fully covers the opening
- Use preferably within 24 months of manufacture

CODE / VOLUME

- Code: CW435
- Container sizes: 10L, 15L, 20L
- Drum size: 220L



This product is developed and manufactured
by Concord Textile in France

Subject to change

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 27.06.2017

Version number 1

Revision: 27.06.2017

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:** *Lana Care Sensitive AC*
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the preparation :**
Textile auxiliary
Industrial cleaner
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Concord Textile SAS
3 Avenue George V
75008 Paris FRANCE
Tel : +33-6-15 76 42 27
Email : contact@concordtextile.com
- **1.4 Emergency telephone number:**
France (INRS 24h/24) - Tel : +33 (0)1 45 42 59 59
Ireland - Tel : 00 353 1 8092568 - 00 353 1 8379964 (24h/24) EU Tel: 112
Belgique - Tel : 32 070/245 245
UK : +44 (0)-870-190-6777 (CARECHEM24)

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008 :**



GHS05

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



GHS05

- **Signal word** *Danger*
- **Hazard-determining components of labelling:**
isopropylamine dodecylbenzene sulphonate
Alcool éthoxylé (C12-C15)
alcool en C10 8 OE
phosphoric acid
- **Hazard statements**
H315 Causes skin irritation.
H318 Causes serious eye damage.
- **Precautionary statements**
P264 Wash hands thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

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*P302+P352 IF ON SKIN: Wash with plenty of water.**P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.**P332+P313 If skin irritation occurs: Get medical advice/attention.***· 2.3 Other hazards****· Results of PBT and vPvB assessment****· PBT:** Not applicable.**· vPvB:** Not applicable.**SECTION 3: Composition/information on ingredients****· 3.2 Chemical characterisation: Mixtures****· Description:** Mixture: consisting of the following components.**· Dangerous components:**

| | | |
|--|---|--------|
| CAS: 26264-05-1 EINECS: 247-556-2 | isopropylamine dodecylbenzene sulphonate ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315 | 25-50% |
| CAS: 68071-35-2 Polymer | Alcool éthoxylé (C12-C15) ⚠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315 | 25-50% |
| CAS: 64-17-5 EINECS: 200-578-6 Index number: 603-002-00-5 RTECS: KQ 6300000 Reg.nr.: 01-2119457610-43-xxxx | ethanol ⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2, H319 | 5-10% |
| CAS: 26183-52-8 NLP: 500-046-6 | alcool en C10 8 OE ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302 | <5% |
| CAS: 68608-66-2 EINECS: 271-794-6 | Lauroamphoacétate de sodium ⚠ Skin Irrit. 2, H315; ⚠ Eye Irrit. 2, H319 | ≤2.5% |
| CAS: 7664-38-2 EINECS: 231-633-2 Index number: 015-011-00-6 RTECS: TB 6300000 Reg.nr.: 01-2119485924-24-xxxx | phosphoric acid ⚠ Skin Corr. 1B, H314; ⚠ Acute Tox. 4, H312 | ≤1% |

· SVHC No**· Regulation 648/2004 on Detergents :**

| | |
|---------------------|------|
| anionic surfactants | ≥30% |
| preservation agents | <5% |

· Additional information: For the wording of the listed risk phrases, refer to section 16.**SECTION 4: First aid measures****· 4.1 Description of first aid measures****· After excessive inhalation:***In case of unconsciousness place patient in a stable laying down side position for transportation.***· After skin contact:** Immediately wash with water and soap and rinse thoroughly.**· After eye contact:***Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.***· After swallowing:** If symptoms persist consult a doctor.**· 4.2 Most important symptoms and effects, both acute and delayed :***No further relevant information available.***· 4.3 Indication of any immediate medical attention and special treatment needed :***No further relevant information available.*

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SECTION 5: Firefighting measures

- **5.1 Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **5.2 Special hazards arising from the substance or mixture :** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures :**
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:**
Dilute with plenty of water.
Do not allow the product to enter sewers/ surface water or ground water.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **6.4 Reference to other sections :**
See Section 7 for information on safe handling.
See Section 8 for information on personal protective equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling :** Keep receptacles tightly sealed.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:** Protect from frost.
- **7.3 Specific end use(s) :** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see section 7.
- **8.1 Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

CAS: 64-17-5 ethanol (5-10%)

| | |
|---------------------|---|
| WEL (Great Britain) | Long-term value: 1920 mg/m ³ , 1000 ppm |
| MAK (Switzerland) | Short-term value: 1920 mg/m ³ , 1000 ppm |
| | Long-term value: 960 mg/m ³ , 500 ppm |
| | SSc; |

CAS: 7664-38-2 phosphoric acid (≤1%)

| | |
|---------------------|---------------------------------------|
| WEL (Great Britain) | Short-term value: 2 mg/m ³ |
| | Long-term value: 1 mg/m ³ |
| IOELV (EU) | Short-term value: 2 mg/m ³ |
| | Long-term value: 1 mg/m ³ |
| MAK (Switzerland) | Short-term value: 2 mg/m ³ |
| | Long-term value: 1 mg/m ³ |
| | SSc; |

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· DNELs**CAS: 64-17-5 ethanol**

| | | |
|------------|--|-----------------------|
| Dermal | DNEL Worker long-term systemic | 343 mg/kg bw/d |
| Inhalative | DNEL Worker long-term systemic | 950 mg/m ³ |
| | DNEL Worker acute/short-term local effects | 19 mg/m ³ |

· PNECs**CAS: 64-17-5 ethanol**

| | | |
|------|------------------------------|------------|
| Oral | PNEC sediment (fresh water) | 3.6 mg/kg |
| | PNEC STP | 0.72 mg/L |
| | PNEC aqua (fresh water) | 0.96 mg/L |
| | PNEC aqua (marine water) | 0.79 mg/L |
| | PNEC sediment (marine water) | 2.9 mg/kg |
| | PNEC soil | 0.63 mg/kg |

· Additional information:

The most current valid lists have been used as a basis for the production of this document.

· 8.2 Exposure controls**· Personal protective equipment:****· General protective and hygienic measures:**

Keep away from food, beverages and petfood.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid all contact with the skin.

Avoid contact with the eyes and skin.

· Respiratory protection: Not required.**· Protection of hands:**

Protective gloves

· Gloves material :

The selection of suitable gloves does not depend only on the material, but also on further marks of quality which may vary from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked before use.

Butyl rubber, BR

· Eye protection:

Tightly sealed goggles

· Body protection:

Protective work clothing

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SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Appearance:

| | |
|--------------------|----------------------------|
| Form: | Liquid |
| Colour: | Light yellow Light blue |
| · Odour: | Characteristic |
| · Odour threshold: | Not determined. |

· pH-value at 20 °C: 3-3.5

· Change in condition

| | |
|--|---------------|
| Melting point/freezing point: | Undetermined. |
| Initial boiling point and boiling range: | > 90 °C |
| Solidification point: | <-15 °C |

· Flash point: > 100 °C

· Flammability (solid, gas): Not applicable.

· Ignition temperature: Not applicable.

· Decomposition temperature: Not determined.

· Auto-ignition temperature: Product is not self igniting.

· Explosive properties: Product does not present an explosion hazard.

· Explosion limits:

| | |
|--------|-----------------|
| Lower: | Not determined. |
| Upper: | Not determined. |

· Vapour pressure at 20 °C: 59 hPa

· Density at 20 °C: 1.00-1.05 g/cm³

· Relative density : Not determined.

· Vapour density : Not determined.

· Evaporation rate : Not determined.

· Solubility in / Miscibility with water:

Fully miscible.

· Segregation coefficient (n-octanol/water): Not determined.

· Viscosity:

| | |
|-------------------|-----------------|
| Dynamic at 25 °C: | <300 mPas |
| Kinematic: | Not determined. |

· Solvent content:

COV : 20.0 %

· 9.2 Other information : No further relevant information available.

SECTION 10: Stability and reactivity

· 10.1 Reactivity No further relevant information available.

· 10.2 Chemical stability

· Thermal decomposition / conditions to be avoided:

No decomposition if used and stored according to specifications.

· 10.3 Possibility of hazardous reactions : No dangerous reactions known.

· 10.4 Conditions to avoid : No further relevant information available.

· 10.5 Incompatible materials: No further relevant information available.

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· **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

· **11.1 Information on toxicological effects**· **Acute toxicity** Based on available data, the classification criteria are not met.· **LD/LC50 values relevant for classification:****CAS: 26264-05-1 isopropylamine dodecylbenzene sulphonate**

| | | |
|------|------|-------------------|
| Oral | LD50 | 2,000 mg/kg (rat) |
|------|------|-------------------|

CAS: 64-17-5 ethanol

| | | |
|------|------|-------------------|
| Oral | LD50 | 7,060 mg/kg (rat) |
|------|------|-------------------|

| | | |
|------------|----------|-------------------|
| Inhalative | LC50/4 h | 20,000 mg/l (rat) |
|------------|----------|-------------------|

CAS: 26183-52-8 alcohol en C10 8 OE

| | | |
|------|------|-----------------|
| Oral | LD50 | 500 mg/kg (ATE) |
|------|------|-----------------|

CAS: 7664-38-2 phosphoric acid

| | | |
|------|------|-------------------|
| Oral | LD50 | 2,600 mg/kg (rat) |
|------|------|-------------------|

| | | |
|--------|------|-------------------|
| Dermal | LD50 | 1,260 mg/kg (rat) |
|--------|------|-------------------|

| | | |
|--|--|----------------------|
| | | 2,740 mg/kg (rabbit) |
|--|--|----------------------|

· **Primary irritant effect:**· **On the skin:**

Causes skin irritation.

· **On the eyes:**

Causes serious eye damage.

· **Respiratory or skin sensitization** Based on available data, the classification criteria are not met.· **Toxicokinetics, metabolism and distribution -**· **Acute effects (acute toxicity, irritation and corrosivity) -**· **Sensitisation -**· **Repeated dose toxicity -**· **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction) -**· **Germ cell mutagenicity** Based on available data, the classification criteria are not met.· **Carcinogenicity** Based on available data, the classification criteria are not met.· **Reproductive toxicity** Based on available data, the classification criteria are not met.· **STOT-single exposure** Based on available data, the classification criteria are not met.· **STOT-repeated exposure** Based on available data, the classification criteria are not met.· **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

· **12.1 Toxicity**· **Aquatic toxicity:****CAS: 26264-05-1 isopropylamine dodecylbenzene sulphonate**

| | |
|----------|-----------------|
| LC50 96h | 1-5 mg/l (fish) |
|----------|-----------------|

| | |
|----------|-------------------|
| EC50 48h | 15 mg/l (daphnia) |
|----------|-------------------|

CAS: 64-17-5 ethanol

| | |
|----------|------------------|
| EC50 72h | 275 mg/l (Algae) |
|----------|------------------|

| | |
|----------|-----------------------|
| EC50 48h | 12,340 mg/l (daphnia) |
|----------|-----------------------|

| | |
|----------|--------------------|
| EC50 96h | 13,000 mg/l (fish) |
|----------|--------------------|

CAS: 7664-38-2 phosphoric acid

| | |
|----------|---------------------|
| LC50 48h | >100 mg/l (daphnia) |
|----------|---------------------|

| | |
|----------|-------------------|
| EC50 72h | >100 mg/l (Algae) |
|----------|-------------------|

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270 mg/l (Bacteria)

- **12.2 Persistence and degradability** : biodegradable
- **12.3 Bioaccumulative potential** : No further relevant information available.
- **12.4 Mobility in soil** : No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** : No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation :**



Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- **European waste catalogue**

| | |
|-----------|--|
| 07 00 00 | WASTES FROM ORGANIC CHEMICAL PROCESSES |
| 07 06 00 | wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics |
| 07 06 01* | aqueous washing liquids and mother liquors |

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

SECTION 14: Transport information

- | | |
|--|---|
| · 14.1 UN-Number | |
| · ADR, ADN, IMDG, IATA | Not classified as hazardous for transport |
| · 14.2 UN proper shipping name | |
| · ADR, ADN, IMDG, IATA | Not classified as hazardous for transport |
| · 14.3 Transport hazard class(es) | |
| · ADR, ADN, IMDG, IATA | |
| · Class | Not classified as hazardous for transport |
| · 14.4 Packing group | |
| · ADR, IMDG, IATA | Not classified as hazardous for transport |
| · 14.5 Environmental hazards: | |
| · Marine pollutant: | No |
| · 14.6 Special precautions for user | Not applicable. |
| · 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code | Not applicable. |
| · UN "Model Regulation": | Not classified as hazardous for transport |

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SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**

H225 Highly flammable liquid and vapour.
 H302 Harmful if swallowed.
 H312 Harmful in contact with skin.
 H314 Causes severe skin burns and eye damage.
 H315 Causes skin irritation.
 H318 Causes serious eye damage.
 H319 Causes serious eye irritation.

- **Classification according to Regulation (EC) No 1272/2008**

Skin corrosion/irritation
 Serious eye damage/eye irritation

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

- **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 IMDG: International Maritime Code for Dangerous Goods
 IATA: International Air Transport Association
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals
 EINECS: European Inventory of Existing Commercial Chemical Substances
 ELINCS: European List of Notified Chemical Substances
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 VOC: Volatile Organic Compounds (USA, EU)
 DNEL: Derived No-Effect Level (REACH)
 PNEC: Predicted No-Effect Concentration (REACH)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 PBT: Persistent, Bioaccumulative and Toxic
 SVHC: Substances of Very High Concern
 vPvB: very Persistent and very Bioaccumulative
 Flam. Liq. 2: Flammable liquids – Category 2
 Acute Tox. 4: Acute toxicity – Category 4
 Skin Corr. 1B: Skin corrosion/irritation – Category 1B
 Skin Irrit. 2: Skin corrosion/irritation – Category 2
 Eye Dam. 1: Serious eye damage/eye irritation – Category 1
 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

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0% solvent - 100% clean

Eco-responsible textile care
that is gentle to your garments

Available at your professional cleaner

concord textile

www.concordtextile.com

Discover 100% solvent-free professional textile care ...

... and preserve the original colour and touch of your garments !



Eco-responsible cleaning

Your garments are cleaned in a professional water-based system that preserves delicate fibres : wool, cashmere, silk, viscose, delicate synthetic fibers, etc.



In-depth cleaning

Your delicate garments are cleaned thoroughly and the fibres are preserved. What's more, you no longer have to worry about solvent residues !



Vibrant colours, smooth touch

Regain the original colours and softness as your garments recover their natural appearance at each cleaning.



Preserve the environment

The special cleaning detergents are biodegradable and do not contain any synthetic perfume, optical brightener or other toxic additives. The water-based system saves natural resources as it uses up to four times less water than dry cleaning and up to two times less energy.



Preserve your health

By opting for wet cleaning, you avoid exposure of your skin to potentially harmful solvent residues.

Ask for gentle and eco-responsible cleaning of your garments !



concord textile

www.concordtextile.com