



WAXEX

Concentrated spotting agent (grease stains) for use in professional textile care



APPLICATION

- In wet cleaning, laundry and dry cleaning
- Spotting of various grease stains: wax, oils, makeup, important soil on bottom of dresses...
- All kind of textiles

DOSAGE

- Use pure (do not dilute)

USE



- **Important: Apply on a dry stain first !**
- **Without adding water** apply directly with a brush or spatula on the stain. Help penetrate (ideally with a suitable brush and a taping gesture). Let stand for a few minutes. Rinse if applied in large quantity, then put the garment into the washer.
- **For better results, pre-heat the fiber without exposing it to a direct high temperature.** Preferably pre-heat the spotting board (e.g. steam and subsequently dry the board).
- **Attention : Do not let the treated stain dry which may cause the creation of aureoles. Rinse with a steam pistol if possible.**
- May be used in combination with other Concord Textile spotting products: ProSpray, TanEx, ProtEx, InkEx, UNI
- **If in doubt do a discoloration test on a non-visible part of the garment.**

PROPERTIES

- Appearance : Transparent yellowish liquid
- Ph Value : 5-6
- Flash point: > 90°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 / CONDITIONNEMENT

- Code: CW333
- Bottles: 500 ml, 1000 ml
- Containers: 3L, 5L, 10L



Developed and manufactured by Concord Textile in France

Subject to change

Safety data sheet

According to 1907/2006/EC, Article 31

Printing date 05.02.2018

Version number 1

Revision: 05.02.2018

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

- **1.1 Product identifier**
- **Trade name:** Waxex
- **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
ethoxylated alcohol
Alcohols, C12-14, ethoxylated
phosphoric acid
- **Hazard statements**
H315 Causes skin irritation.
H318 Causes serious eye damage.
- **Precautionary statements**
P102 Keep out of reach of children.
P264 Wash hands thoroughly after handling.

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- P280 Wear protective gloves.
 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: 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: 26264-05-1 EINECS: 247-556-2	isopropylamine dodecylbenzene sulphonate ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302; ⚠ Skin Irrit. 2, H315	5-10%
Polymer	ethoxylated alcohol ⚠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315	<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	<5%
CAS: 8052-41-3 EINECS: 232-489-3 Index number: 649-345-00-4 RTECS: WJ 8925000	Stoddard solvent ⚠ Flam. Liq. 3, H226; ⚠ STOT RE 1, H372; ⚠ Asp. Tox. 1, H304	<5%

- **SVHC** No

· **Regulation 648/2004 on Detergents :**

anionic surfactants	<5%
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- **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 (10-25%)

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 (<5%)

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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CAS: 34590-94-8 (2-methoxymethylethoxy)propanol ($\leq 2.5\%$)

WEL (Great Britain)	Long-term value: 308 mg/m ³ , 50 ppm Sk
IOELV (EU)	Long-term value: 308 mg/m ³ , 50 ppm Skin
MAK (Switzerland)	Short-term value: 300 mg/m ³ , 50 ppm Long-term value: 300 mg/m ³ , 50 ppm

· 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

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· Body protection:

Protective work clothing

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 (10 g/l) at 20 °C:	5-6
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· Change in condition

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

· Flash point:	>90 °C
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· Flammability (solid, gas):	Not applicable.
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· Ignition temperature:	Not applicable.
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· Decomposition temperature:	Not determined.
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· Auto-ignition temperature:	Product is not self igniting.
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· Explosive properties:	Product does not present an explosion hazard.
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· Explosion limits:

Lower:	Not determined.
Upper:	Not determined.

· Vapour pressure at 20 °C:	59 hPa
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· Density at 20 °C:	1.00 g/cm ³
· Relative density :	Not determined.
· Vapour density :	Not determined.
· Evaporation rate :	Not determined.

· Solubility in / Miscibility with water:	Fully miscible.
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· Segregation coefficient (n-octanol/water):	Not determined.
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· Viscosity:

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

· Solvent content:

COV :	20.0 %
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· 9.2 Other information :	No further relevant information available.
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SECTION 10: Stability and reactivity

· 10.1 Reactivity	No further relevant information available.
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- **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.
- **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: 64-17-5 ethanol

Oral	LD50	7,060 mg/kg (rat)
Inhalative	LC50/4 h	20,000 mg/l (rat)

CAS: 26264-05-1 isopropylamine dodecylbenzene sulphonate

Oral	LD50	2,000 mg/kg (rat)
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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: 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: 26264-05-1 isopropylamine dodecylbenzene sulphonate

LC50 96h	1-5 mg/l (fish)
EC50 48h	15 mg/l (daphnia)

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Trade name: Waxex

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CAS: 7664-38-2 phosphoric acid

LC50 48h >100 mg/l (daphnia)

EC50 72h >100 mg/l (Algae)

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

HP 4 Irritant - skin irritation and eye damage

- **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

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|--|---|
| · 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 |

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.
- H226 Flammable liquid and vapour.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- 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.
- H372 Causes damage to organs through prolonged or repeated exposure.

· **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.
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· **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

Flam. Liq. 3: Flammable liquids – Category 3

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

STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

Asp. Tox. 1: Aspiration hazard – Category 1

Spotting
agents



Universal pre-spotter



ProSpray

CONCENTRATED PRE-SPOTTER

Highly effective universal pre-spotter for most common stains and soil including light grease stains. Great for collars, cuffs, bottom of dresses, pants...

CW339

1L to 10L



May be applied with a brush or (diluted) with a spray bottle. May be diluted with water (for wet cleaning and laundry applications) or used undiluted for tougher stains and dry cleaning applications.



High performance spotting agents



WaxEx

GREASE STAINS

Reinforced degreaser for regular and difficult grease stains: candle wax, shoe polish, motor oil, make-up...

CW333

0.5L to 10L



ProtEx

PROTEIN STAINS

Blood, egg, milk, vomit, urine ...

CW520

0.5L to 10L



InkEx

SYNTHETIC STAINS

Synthetic stains, inks, glue, nail polish, synthetic paint, tar ...

CW355

0.5L to 10L



TanEx

TANNIN STAINS

Fruits, coffee, tea, red wine, grass ...

CW332

0.5L to 10L



UNI

DEO, COLOR TRANSFER

Deo, perspiration, correction of color transfer ...

CW337

0.5L to 10L



Which spotting agents should I use ?

What is the difference between spotting agents designed for dry and wet cleaning ?

- As the wet cleaning process typically removes most water-soluble stains, it requires spotting agents that can remove non water-based stains. In dry cleaning on the other hand, spotting agents that can remove water and non water based stains are needed - although the degreasing capability may vary among the various solvents.
- Typically, dry cleaning spotters contain variations of solvents and other chemicals that may have high toxicity for human as well as for aquatic life. However, as their residues are not intended to get into the water system (dry cleaning is a 'closed circuit system') dry cleaning spotters are typically under lesser scrutiny. Spotting products designed for wet cleaning on the other hand must be compatible with the water treatment system.

Is there a risk of using dry cleaning spotters in wet cleaning ?

- Some spotting chemicals formulated for dry cleaning are not water-soluble and may leave stains on the garments when used in wet cleaning. They should therefore be thoroughly rinsed. More importantly though, spotting chemical designed for dry cleaning will interfere with the coating abilities of wet cleaning products and reduce their effect; they may also cause color loss and surface damage.

Can I use Concord Textile spotting agents for dry cleaning ?

- Yes, Concord Textile spotting agents are designed for use in wet and dry cleaning. The pre-spotter ProSpray should be used undiluted in that case.

*Respect your employees and the environment –
stick to wet cleaning spotting product !*