



INKEX

Concentrated spotting agent (ink, synthetic stains) for use in professional textile care



APPLICATION

- In wet cleaning, laundry and dry cleaning
- Spotting of various synthetic stains (non polar): ink, glue, varnish, paint, tar...
- All kind of textiles

DOSAGE

- Use pure (do not dilute)

USE

- **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).
- May be used in combination with other Concord Textile spotting products: ProSpray, TanEx, ProtEx, WaxEx, UNI
- **If in doubt do a discoloration test on a non-visible part of the garment.**



PROPRIETES

- Appearance : Transparent yellowish liquid
- Ph Value : 5-6
- Flash point: > 90°C
- Solubility : Miscible in water

PICTOGRAMME / WARNING



Refer to the safety data sheet for more information

STOCKAGE

- 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: CW355
- 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 12.10.2015

Version number 1

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

- **1.1 Product identifier**
- **Trade name:** InkEx
- **Article number / formula:** CW355
- **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 :** Preparation
- **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 (ORFILA 24h/24) - Tel : +33 (0)1 45 42 59 59
Ireland - Tel : 00 353 1 8092568 - 00 353 1 8379964 (24h/24)
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 :**



GHS07

Eye Irrit. 2 H319 Causes serious eye 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**



GHS07

- **Signal word** *Warning*
- **Hazard-determining components of labelling:**
Alcohols, C10-12, ethoxylated propoxylated
- **Hazard statements**
H319 Causes serious eye irritation.
- **Precautionary statements**

<i>P102</i>	<i>Keep out of reach of children.</i>
<i>P280</i>	<i>Wear protective gloves/protective clothing/eye protection/face protection.</i>
<i>P264</i>	<i>Wash hands thoroughly after handling.</i>
<i>P305+P351+P338</i>	<i>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</i>
<i>P337+P313</i>	<i>If eye irritation persists: Get medical advice/attention.</i>
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** *Not applicable.*
- **vPvB:** *Not applicable.*

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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	2.5-10%
CAS: 68154-97-2	Alcohols, C10-12, ethoxylated propoxylated ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302	2.5-10%
CAS: 107-41-5 EINECS: 203-489-0 Index number: 603-053-00-3 RTECS: SA 0810000 Reg.nr.: 01-2119539582-35-xxxx	2-methylpentane-2,4-diol ⚠ Skin Irrit. 2, H315; ⚠ Eye Irrit. 2, H319	2.5-10%
CAS: 68411-30-3 EINECS: 270-115-0	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts ⚠ Acute Tox. 4, H302; ⚠ Skin Irrit. 2, H315; ⚠ Eye Irrit. 2, H319	2.5-10%
CAS: 111-76-2 EINECS: 203-905-0 Index number: 603-014-00-0 RTECS: KJ 8575000 Reg.nr.: 01-2119475108-36	2-butoxyethanol ⚠ Acute Tox. 4, H302; ⚠ Acute Tox. 4, H312; ⚠ Acute Tox. 4, H332; ⚠ Skin Irrit. 2, H315; ⚠ Eye Irrit. 2, H319	≤1%

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

anionic surfactants

5 - 15%

· **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:** Provide fresh air; consult a doctor in case of medical complaints.

· **After skin contact:** Generally the product does not irritate the skin.

· **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.

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 : Not required.

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- **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).
Ensure adequate ventilation.
- **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 :**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- **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:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.
- **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:

64-17-5 ethanol (2.5-10%)

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;

107-41-5 2-methylpentane-2,4-diol (2.5-10%)

WEL (Great Britain)	Short-term value: 123 mg/m ³ , 25 ppm Long-term value: 123 mg/m ³ , 25 ppm
MAK (Switzerland)	Short-term value: 98 mg/m ³ , 20 ppm Long-term value: 49 mg/m ³ , 10 ppm

111-76-2 2-butoxyethanol (≤1%)

WEL (Great Britain)	Short-term value: 246 mg/m ³ , 50 ppm Long-term value: 123 mg/m ³ , 25 ppm Sk, BMGV
IOELV (EU)	Short-term value: 246 mg/m ³ , 50 ppm Long-term value: 98 mg/m ³ , 20 ppm Skin
MAK (Switzerland)	Short-term value: 98 mg/m ³ , 20 ppm Long-term value: 49 mg/m ³ , 10 ppm H B SSc;

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· Ingredients with biological limit values:**111-76-2 2-butoxyethanol ($\leq 1\%$)**

BMGV (Great Britain)	240 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: butoxyacetic acid
BAT (Switzerland)	100 mg/l Medium: U Sampling time: c,b Parameter: Butoxyessigsäure
	200 mg/l Medium: U Sampling time: c Parameter: Geasmt-Butoxyessigsäure

· 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 eyes.
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.

· Eye protection:

Tightly sealed goggles

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties**· General Information****· Appearance:**

Form:	Liquid
Colour:	Whitish
· Odour:	Characteristic
· Odour threshold:	Not determined.

· pH-value: 8

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· Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	78 °C
· Flash point:	>60 °C
· Flammability (solid, gaseous):	Not applicable.
· Ignition temperature:	260 °C
· Decomposition temperature:	Not determined.
· Self-igniting:	Product is not self igniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Explosion limits:	
Lower:	1.1 Vol %
Upper:	15.0 Vol %
· Vapour pressure at 20 °C:	59 hPa
· Density:	Not determined.
· 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:	Not determined.
Kinematic:	Not determined.
· 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 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**

· **LD/LC50 values relevant for classification:**

64-17-5 ethanol

Oral	LD50	7060 mg/kg (rat)
Inhalative	LC50/4 h	20000 mg/l (rat)

68154-97-2 Alcohols, C10-12, ethoxylated propoxylated

Oral	LD50	500 mg/kg (ATE)
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107-41-5 2-methylpentane-2,4-diol

Oral	LD50	3700 mg/kg (rat)
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Dermal	LD50	8560 mg/kg (rabbit)
68411-30-3 Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts		
Oral	LD50	500 mg/kg (ATE)
111-76-2 2-butoxyethanol		
Oral	LD50	1480 mg/kg (rat)
Dermal	LD50	400 mg/kg (rab)
Inhalative	LC50/4 h	11 mg/l (ATE)

- **Primary irritant effect:**
- **On the skin:** Based on available data, the classification criteria are not met.
- **On the eyes:**
Causes serious eye irritation.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenity, 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:** No further relevant information available.
- **12.2 Persistence and degradability :** No further relevant information available.
- **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.

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

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SECTION 14: Transport information

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

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.*
- **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.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

· **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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 2: Flammable liquids, Hazard Category 2

Acute Tox. 4: Acute toxicity, Hazard Category 4

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

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 !*