

Safety Data Sheet

in accordance with regulation (EC) 1907/2006

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Update: 26.05.2015

Version: 2.0

Kresto® bitumen [CUPRAN®]

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1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Kresto® bitumen [CUPRAN®]

Special solvent-containing hand cleanser with anion-active surfactant

1.2. Relevant identified uses of the substance or mixture and uses advised against

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Recommended use(s): Cosmetic use.

1.3. Details of the supplier of the safety data sheet

Deb-STOKO Europe GmbH

Bäckerpfad 25

47805 Krefeld

Germany

+49-2151-38-1370

Email address of qualified person:

usgq-krefeld@debstoko.com

Emergency Number:

+49-2151-38-1370

Telefax Number:

+49-2151-38-1647

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

The product is subject to cosmetics regulations.

Regulation (EC) No 1272/2008

Not applicable.

2.2. Label elements

Regulation (EC) No 1272/2008

Not applicable.

Directive 67/548/EC or Directive 1999/45/EC
Exempt

2.3. Other hazards

Vapours may cause drowsiness and dizziness.

Flammable.

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3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

3.2. Mixtures

Regulation (EC) No 1272/2008

Not applicable.

Hazardous Ingredients as per Directive 67/548/EC or Directive 1999/45/EC

Not applicable.

4. FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation	Fresh air ventilation.
Skin contact	not applicable
Eye contact	Rinse for a prolonged period with plenty of water; if necessary, consult a doctor.
Ingestion	Consult a doctor, give paraffin oil if necessary.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation may cause the following: Headache, confusion

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media Water mist, foam, carbon dioxide, dry powder

5.2. Special hazards arising from the substance or mixture

Vapours may form explosive mixture with air.

5.3. Advice for firefighters

as for flammable liquids

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Keep away sources of ignition. Ensure sufficient ventilation. Spilled product causes surfaces to become slippery.

6.2. Environmental precautions

Take up and dispose of.

6.3. Methods and material for containment and cleaning up

Take up with a nonflammable inert absorbent, e.g. general-purpose binder or diatomaceous earth.

6.4. Reference to other sections

For personal protection see section 8.

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7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Safe handling advice	Do not allow to come into contact with plastics.
Advice on protection against fire and explosion	Inflammable: keep away from sources of ignition, do not smoke. May form inflammable mixtures with air.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers	Keep container tightly closed. When handling large quantities, e.g. when filling or refilling, ensure good ventilation of the room.
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7.3. Specific end use(s)

no

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Components or products of decomposition according to point 10, with limit values related to the place of work which require monitoring

butyl acetate 123-86-4		
WEL (long-term) 2009	724 mg/m ³	150 ppm
WEL (short-term) 2009	966 mg/m ³	200 ppm

8.2. Exposure controls

Hygiene measures	Obey reasonable safety precautions and practise good housekeeping.
Respiratory protection	Avoid prolonged inhalation.
Hand protection	not required
Eye protection	Avoid contact with the eyes.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Form	liquid
Colour	yellow-brown
Odour	of butyl acetate
Melting point/range	not determined
Boiling point/range	approx. 85 °C
Flash point	26 °C (DIN 51755)
Ignition temperature	not determined
Lower explosion limit	1.2 %(V) for n-butyl acetate
Upper explosion limit	7.5 %(V) for n-butyl acetate
Vapour pressure	135 hPa (55 °C)
Density	approx. 0.94 g/cm ³ (20 °C)
Solubility in water	(20.00 °C) miscible as an emulsion

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pH approx. 10 (20.00 °C)
n-Octanol/water partition coefficient log Pow 1.81 for n-butyl acetate

Viscosity (dynamic) (20.00 °C)not determined

9.2. Other information

none

10. STABILITY AND REACTIVITY

10.1. Reactivity

see section 10.2.

10.2. Chemical stability

stable in the range of application

10.3. Possibility of hazardous reactions

The formation of ignitable mixtures with air is possible during warming or spraying.

10.4. Conditions to avoid

Keep away from heat and sources of ignition.

10.5. Incompatible materials

Do not allow to come into contact with plastics.
oxidizing agents

10.6. Hazardous decomposition products

Heating can release vapours which can be ignited.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Observations on humans The product has proved to be completely harmless to the skin in human trials as well as in practical use.

General information Based on knowledge of the properties of the components, adverse effects on human health are not to be expected in normal use.
A safety evaluation as per the EU Cosmetic Directive was carried out.

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Aquaticity, fish	LC50 Expected value from data of the components	> 10 mg/l
Aquaticity, invertebrates	EC50, Expected value from data of the components	> 10 mg/l

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12.2. Persistence and degradability

Biodegradability	The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer. Prevent concentrated product from penetrating into waters without biological waste water treatment.	
Biological oxygen demand	DEV H 51 (dyn., Sapromat) at 100 mg/l	57 mg/g
Chemical oxygen demand	EU/440/2008/ C 6 at 100 mg/l	167 mg/g

12.3. Bioaccumulative potential

Bioaccumulation	Does not bioaccumulate. owing to the composition
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12.4. Mobility in soil

Mobility	no evidence for hazardous properties
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12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment	PBT: no vPvB: no.Data are expected values based on the composition.
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12.6. Other adverse effects

General Information	None known.
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13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Product	Dispose of whilst observing local legal regulations, e.g. in a suitable incineration plant.
Uncleaned packaging	Undamaged packaging may be responsibly reused after proper cleaning.

14. TRANSPORT INFORMATION

14.1. UN number

see section 14.2.

14.2. UN proper shipping name

Transport on land ADR/GGVSEB

UN 1993 FLAMMABLE LIQUID, N.O.S. (contains Butylacetate, mixture), 3, III, (D/E)

Hazard no. 30

Transport on land RID/GGVSEB

UN 1993 FLAMMABLE LIQUID, N.O.S. (contains Butylacetate, mixture), 3, III

Hazard no. 30

Inland waterway transport ADN/GGVSEB (Germany)

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UN 1993 FLAMMABLE LIQUID, N.O.S. (contains Butylacetate, mixture), 3, III

Shipment by sea IMDG/GGVSee

UN number	1993
Class	3
EmS	F-E, S-E
Marine pollutant	No
Packaging group	III
Proper Shipping Name	FLAMMABLE LIQUID, N.O.S. (contains Butylacetate, mixture)
Hazardous constituent	Butylacetate, mixture

Air transport ICAO/IATA

UN number	1993
Class	3
Packaging group	III
Proper Shipping Name	FLAMMABLE LIQUID, N.O.S. (contains Butylacetate, mixture)

Remarks

ADR	Special Provision 640E
RID	Special Provision 640E

14.3. Transport hazard class(es)

see section 14.2.

14.4. Packing group

see section 14.2.

14.5. Environmental hazards

if not mentioned in Point 14.2 then it does not apply

14.6. Special precautions for user

see section 14.2.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

for transportapproval see regulatory information

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

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National legislation

WGK - Water Hazard Class (Germany) / Wassergefährdungsklasse (Deutschland)	1 (1 slightly hazardous to water - self classification.)
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Chemical safety assessment	No chemical safety assessment was carried out for this product.
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Status of Registration

REACH (EU)	listed or exempted
TSCA (USA)	listed or exempted

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METI (J)	listed or exempted
ECL (KOR)	listed or exempted
PICCS (RP)	listed or exempted
IECSC (CN)	listed or exempted

16. OTHER INFORMATION

References	relevant manuals and publications own examinations own toxicological and ecotoxicological studies toxicological and ecotoxicological studies of other manufacturers SIAR OECD-SIDS RTK public files
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Places marked by|| have been amended from the last version.

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