

## 1 Identification of substance

- **Product details**
- **Trade name:** Deprit 2
- **Article number:** 2240-AA-001
- **Application of the substance / the preparation** Postspotting agent for textile cleaning
- **Manufacturer/Supplier:**  
Chemische Fabrik Kreussler & Co. GmbH  
Postfach 120454  
D-65082 Wiesbaden
- **Information department:**  
Abteilung TQM  
Herr Vogel  
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## 2 Composition/Data on components

- **Chemical characterization**
- **Description:** Surface-active Preparation of different solvents.

- **Dangerous components:**

123-86-4	n-butyl acetate	R 10	20-40%
112-07-2	2-butoxyethyl acetate	Xn; R 20/21	10-20%
112-34-5	2-(2-butoxyethoxy)ethanol	Xi; R 36	5.0-10%
85711-69-9	sodium alkansulfonates	Xn; R 22	5.0-10%

- **Additional information:** For the wording of the listed risk phrases refer to section 16.

## 3 Hazards identification

- **Hazard description:**  
Xn Harmful
- **Information pertaining to particular dangers for man and environment:**  
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.  
R 10 Flammable.  
R 20/21/22 Harmful by inhalation, in contact with skin and if swallowed.  
R 41 Risk of serious damage to eyes.
- **Classification system:**  
The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.
- **NFPA ratings (scale 0 - 4)**  
Health = 2  
Fire = 3  
Reactivity = 0
- **HMIS-ratings (scale 0 - 4)**  
Health = 2  
Fire = 3  
Reactivity = 0

## 4 First aid measures

- **After skin contact:** Rinse with warm water.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

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- **After swallowing:** If symptoms persist consult doctor.

**5 Fire fighting measures**

- **Suitable extinguishing agents:**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Protective equipment:** No special measures required.

**6 Accidental release measures**

- **Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.
- **Measures for environmental protection:** Dilute with plenty of water.
- **Measures for cleaning/collecting:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

**7 Handling and storage**

- **Handling:**
- **Information for safe handling:** Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:**  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.
- **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 receptacle tightly sealed.

**8 Exposure controls and personal protection**

- **Additional information about design of technical systems:** No further data; see item 7.

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

**123-86-4 n-butyl acetate**

PEL	710 mg/m <sup>3</sup> , 150 ppm
REL	Short-term value: 950 mg/m <sup>3</sup> , 200 ppm Long-term value: 710 mg/m <sup>3</sup> , 150 ppm
TLV	Short-term value: 950 mg/m <sup>3</sup> , 200 ppm Long-term value: 713 mg/m <sup>3</sup> , 150 ppm

**112-07-2 2-butoxyethyl acetate**

REL	33 mg/m <sup>3</sup> , 5 ppm Skin
TLV	130 mg/m <sup>3</sup> , 20 ppm

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing.  
Wash hands before breaks and at the end of work.  
Avoid contact with the eyes and skin.
- **Breathing equipment:** Not required.
- **Protection of hands:** Protective gloves
- **Material of gloves** PVC or PE gloves

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- **For the permanent contact in work areas without heightened risk of injury (e.g. Laboratory) gloves made of the following material are suitable:**  
PVC or PE gloves
- **Eye protection:** Tightly sealed goggles

## 9 Physical and chemical properties

### · General Information

<b>Form:</b>	Fluid
<b>Color:</b>	Colorless
<b>Odor:</b>	Characteristic

### · Change in condition

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	Undetermined.

· **Flash point:** 36°C (97°F)

· **Auto igniting:** Product is not selfigniting.

· **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

· **Density at 20°C (68°F):** 0.96 g/cm<sup>3</sup>

· **Solubility in / Miscibility with Water:** Fully miscible.

· **pH-value at 20°C (68°F):** 7.4

· **Viscosity:**  
**Dynamic at 20°C (68°F):** 5 mPas

· **Solvent content:**  
**Organic solvents:** 60.0 %

## 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous products of decomposition:** No dangerous decomposition products known.

## 11 Toxicological information

### · Acute toxicity:

#### · LD/LC50 values that are relevant for classification:

##### 112-07-2 2-butoxyethyl acetate

Oral	LD-50	2400 mg/kg (rat)
Dermal	LD-50	1580 mg/kg (bunny)

### · Primary irritant effect:

- **on the skin:** No irritant effect.
- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.

### · Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations:

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Irritant

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## 12 Ecological information

- **General notes:**

On the basis of the raw materials data, including in the product, the following ecological data are to be expected.

bio-degradable

The surfactants including the product are biologically degradable to at least 90% (surfactant regulations of 4.6.86).

## 13 Disposal considerations

- **Product:**

- **Recommendation:**

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

- **Uncleaned packagings:**

- **Recommendation:** Disposal must be made according to official regulations.

## 14 Transport information

- **DOT regulations:**

- **Hazard class:** 3
- **Identification number:** UN1993
- **Packing group:** III
- **Proper shipping name (technical name):** FLAMMABLE LIQUID, N.O.S. (BUTYL ACETATES)
- **Label:** 3

- **Land transport ADR/RID (cross-border):**

- **ADR/RID class:** 3 Flammable liquids
- **Danger code (Kemler):** 30
- **UN-Number:** 1993
- **Packaging group:** III
- **Description of goods:** 1993 FLAMMABLE LIQUID, N.O.S. (not viscous) (BUTYL ACETATES)

- **Maritime transport IMDG:**

- **IMDG Class:** 3
- **UN Number:** 1993
- **Label:** 3
- **Packaging group:** III
- **EMS Number:** F-E,S-E
- **Marine pollutant:** No
- **Propper shipping name:** FLAMMABLE LIQUID, N.O.S. (BUTYL ACETATES)

- **Air transport ICAO-TI and IATA-DGR:**

- **ICAO/IATA Class:** 3
- **UN/ID Number:** 1993
- **Label:** 3
- **Packaging group:** III
- **Propper shipping name:** FLAMMABLE LIQUID, N.O.S. (BUTYL ACETATES)

USA

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## 15 Regulations

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- **Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

- **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

- **TSCA (Toxic Substances Control Act):**

None of the ingredients is listed.

- **Proposition 65**

- **Chemicals known to cause cancer:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity:**

None of the ingredients is listed.

- **Carcinogeny categories**

- **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

- **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

- **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

- **MAK (German Maximum Workplace Concentration)**

None of the ingredients is listed.

- **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

- **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

- **Canada WHMIS**

This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the informations required by the CPR.

- **WHMIS Class WHMIS-Class B**

- **Product related hazard informations:**

The product has been classified and marked in accordance with directives on hazardous materials.

- **Hazard symbols:**

Xn Harmful

- **Risk phrases:**

10 Flammable.

20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

41 Risk of serious damage to eyes.

- **Safety phrases:**

16 Keep away from sources of ignition - No smoking.

24/25 Avoid contact with skin and eyes.

36 Wear suitable protective clothing.

## 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.

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- **Department issuing MSDS:**  
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USA