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Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
Revision: 18.05.2009 Replaces the version of: 27.07.2006 PDF date: 27.05.2010
UV Dye Cleaner 3000 ml Art.: 8PE 351 225-161

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

Identification of the substance or preparation

UV Dye Cleaner 3000 ml

Art.: 8PE 351 225-161

Use of the substance/preparation

Refer to description of material or preparation.

Company/undertaking identification

Hella KGaA Hueck & Co, Rixbecker Str. 75, D-59552 Lippstadt
Telephone +49 (0) 2941 38 0, Fax +49 (0) 2941 38 7081
www.hella.de

E-mail address of the competent person: info@chemical-check.de, k.schnurbusch@chemical-check.de

Emergency telephone

Advisory office in case of poisoning:

Tel.:
+49 228 / 19240

Telephone number of the company in case of emergencies:

Tel. +49 (0) 2941 38 1562

2. HAZARDS IDENTIFICATION

To people

See point 11 and 15.
Preparation is classified as hazardous in the sense of directive 1999/45/EC.
Irritation of the eyes

To the environment

n.av.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical name | Symbol | Chemical name | EINECS, ELINCS |
|---------------|----------------------------|----------------------------------------------------|----------------|
| content % | Registration number (ECHA) | Classification categories / Indications of danger: | |

| | | | |
|---------------------------------|-------|----------------------------|--|
| Lauryl alcohol polyglycol ether | | | |
| 1 -< 5 | Xn/Xi | 22-41 Harmful, Irritant | |

| Chemical name | Symbol | Chemical name | EINECS, ELINCS |
|---------------|----------------------------|----------------------------------------------------|----------------|
| content % | Registration number (ECHA) | Classification categories / Indications of danger: | |

| | | | |
|-------------------------------|-------|-------------------------------|-----------|
| Sodium alkylbenzene sulfonate | | | |
| 1 -< 5 | Xn/Xi | 22-38-41 Harmful, Irritant | 270-115-0 |

| Chemical name | Symbol | Chemical name | EINECS, ELINCS |
|---------------|--------|---------------|----------------|
|---------------|--------|---------------|----------------|



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| content % | Symbol Registration number (ECHA) | Chemical name Classification categories / Indications of danger: | EINECS, ELINCS |
|---------------------------------|-----------------------------------------|------------------------------------------------------------------------|------------------------------------------------------------|
| (2-methoxymethylethoxy)propanol | | | Substance for which an EU exposure limit value applies. |
| 1 - 5 | --- | --- | 252-104-2 |

For complete wording of the R-phrases / H-phrases (GHS/CLP), refer to point 16.

4. FIRST AID MEASURES

4.1 Inhalation

Remove person from danger area.
Supply person with fresh air and consult doctor according to symptoms.

4.2 Skin contact

Wash thoroughly using copious water - remove contaminated clothing immediately. If skin irritation occurs (redness etc.), consult doctor.

4.2 Eye contact

Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

4.4 Ingestion

Rinse the mouth thoroughly with water.
Do not induce vomiting - give copious water to drink. Consult doctor immediately.

4.5 Special resources necessary for first aid

n.c.

5. FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media

Adapt to the nature and extent of fire.

5.2 Extinguishing media which shall not be used for safety reasons

n.c.

5.3 Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

In case of fire the following can develop:

Oxides of carbon

Oxides of sulphur

Toxic pyrolysis products.

5.4 Special protective equipment for fire-fighters

Protective respirator with independent air supply.

5.5 Further information

Dispose of contaminated extinction water according to official regulations.

6. ACCIDENTAL RELEASE MEASURES

Refer to point 13. and for personal protection refer to point 8.

6.1 Personal precautions

Ensure sufficient supply of air.

Avoid contact with eyes or skin.

If applicable, caution - risk of slipping

6.2 Environmental precautions

If leakage occurs, dam up.

Prevent surface and ground-water infiltration, as well as ground penetration.

Prevent from entering drainage system.

6.3 Methods for cleaning up

Collect using absorbant material (e.g. Universal binding medium, sand, kieselguhr, sawdust), and dispose of according to point 13.

7. HANDLING AND STORAGE

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7.1 Handling

Tips for safe handling:

See point 6.1
Ensure good ventilation.
Avoid contact with eyes.
Avoid long lasting or intensive contact with skin.
Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.
Wash hands before breaks and at end of work.
Observe directions on label and instructions for use.
Use working methods according to operating instructions.

7.2. Storage

Requirements for storage rooms and containers:

Store product closed and only in original packing.
Not to be stored in gangways or stair wells.

Special storage conditions:

See point 10
Store at room temperature.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure limit values

| Chemical Name | (2-methoxymethylethoxy)propanol | Content %:1 - 5 |
|----------------------------------------------------|---------------------------------|-----------------|
| WEL-TWA: 50 ppm (308 mg/m ³) (WEL, EC) | WEL-STEL: --- | --- |
| BMGV: --- | Other information: Sk (WEL) | |

WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period) EH40. AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany). | WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period). | BMGV = Biological monitoring guidance value EH40. BGW = "Biologischer Grenzwert" (biological limit value, Germany) | Other information: Sen = Capable of causing occupational asthma. Sk = Can be absorbed through skin. Carc = Capable of causing cancer and/or heritable genetic damage.
** = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Ensure good ventilation. This can be achieved by local suction or general air extraction.
If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn.
Applies only if maximum permissible exposure values are listed here.
General hygiene measures for the handling of chemicals are applicable.
Wash hands before breaks and at end of work.
Keep away from food, drink and animal feedingstuffs.
Respiratory protection:
Normally not necessary.
If OES or MEL is exceeded.
Gas mask filter A (EN 14387)
Hand protection:
Chemical resistant protective gloves (EN 374).
Recommended
Rubber gloves (EN 374).
Protective PVC gloves (EN 374)
Protective hand cream recommended.
Eye protection:
Tight fitting protective goggles with side protection (EN 166).
Skin protection:
Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments)

Additional information on hand protection - No tests have been performed.

Selection made for preparations according to the best available knowledge and information on the ingredients.

Selection of materials derived from glove manufacturer's indications.

Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account.

Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.

In the case of preparations the resistance of glove materials cannot be calculated in advance so it has to be tested before use. The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

8.2.2 Environmental exposure controls

n.av.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 General information

| | |
|-----------------|-----------|
| Physical state: | Liquid |
| Colour: | Clear |
| Odour: | Odourless |

9.2. Important health, safety and environmental information

| | |
|-----------------------------------|------------|
| pH-value undiluted: | 9,8 - 10,8 |
| Boiling point/boiling range (°C): | 100 |
| Melting point/melting range (°C): | 0 |
| Flash point (°C): | n.a. |
| Flammability (solid, gas): | n.c. |
| Density (g/ml): | 1,02 |
| Water solubility: | Soluble |

10. STABILITY AND REACTIVITY

Conditions to avoid

See point 7

Stable when handled and stored correctly.

Materials to avoid

No dangerous reactions are known.

Avoid contact with strong acids.

Avoid contact with strong oxidizing agents.

Hazardous decomposition products

See point 5.3

No decomposition when used as directed.

11. TOXICOLOGICAL INFORMATION

Acute toxicity and immediate effects

| | |
|----------------------------------------|---------------|
| Ingestion, LD50 rat oral (mg/kg): | n.av. |
| Inhalation, LC50 rat inhal.(mg/l/4h): | n.av. |
| Skin contact, LD50 rat dermal (mg/kg): | n.av. |
| Eye contact: | See point 15. |

Delayed and chronic effects

| | |
|------------------------|------|
| Sensitization: | n.c. |
| Carcinogenicity: | n.c. |
| Mutagenicity: | n.c. |
| Reproductive toxicity: | n.c. |
| Narcosis: | n.c. |

Further information

Classification according to calculation procedure.

The following may occur:

with long-term contact:

Dermatitis (skin inflammation)



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Irritation of the skin.
Ingestion:
Nausea
Gastrointestinal disturbances
Vomiting

12. ECOLOGICAL INFORMATION

Persistence and degradability:
Readily biodegradable (> 70%/28d OECD 301A, > 60%/29d OECD 301B, > 90%/35d OECD 303A) *
> 70% OECD 302B **

| | |
|-----------------------------|-------|
| Behaviour in sewage plants: | n.av. |
| Aquatic toxicity: | n.av. |
| Ecological toxicity: | n.av. |

* Sodium alkylbenzene sulfonate
** (2-methoxymethylethoxy)propanol

| | |
|---------------|-------|
| Mobility: | n.av. |
| Accumulation: | n.av. |

Results of PBT assessment
n.av.

| | |
|------------------------|-------|
| Other adverse effects: | n.av. |
|------------------------|-------|

13. DISPOSAL CONSIDERATIONS

13.1. for the material / preparation / residue

EC disposal code no.:

The waste codes are recommendations based on the scheduled use of this product.
Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2001/118/EC, 2001/119/EC, 2001/573/EC)

07 06 01 aqueous washing liquids and mother liquors

Recommendation:

Pay attention to local and national official regulations

E.g. suitable incineration plant.

13.2 for contaminated packing material

See point 13.1

Pay attention to local and national official regulations

Empty container completely.

Untampered packaging can be recycled.

Dispose of packaging that cannot be cleaned in the same manner as the substance.

15 01 01 paper and cardboard packaging

15 01 02 plastic packaging

15 01 04 metallic packaging

14. TRANSPORT INFORMATION

General statements

UN-Number: n.a.

Road/Rail-transport (ADR/RID)

Class/packing group: n.a.

Classification code: n.a.

LQ: n.a.

Tunnel restriction code:

Transport by sea

IMDG-code: n.a. (class/packing group)

Marine Pollutant: n.a.

Transport by air

IATA: n.a. (class/secondary danger/packing group)

Additional information:

Non-dangerous material according to Transport Regulations.

15. REGULATORY INFORMATION

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Classification according to Dangerous Product Regulations incl. EC Directives (67/548/EEC and 1999/45/EC)



Symbols: Xi

Indications of danger:

Irritant

R-phrases:

36 Irritating to eyes.

S-phrases:

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

35 This material and its container must be disposed of in a safe way.

Additions: n.a.

Observe restrictions: Yes

Observe youth employment law (German regulation).

16. OTHER INFORMATION

These details refer to the product as it is delivered.

Storage class VCI (Germany): 12

Revised points: 1 - 16 (REACH)

The following phrases represent the prescribed R-phrases / H-phrases (GHS/CLP) for the ingredients (designated in point 3).

22 Harmful if swallowed.

41 Risk of serious damage to eyes.

38 Irritating to skin.

Legend:

n.a. = not applicable / n.v., k.D.v. = n.av. = not available / n.g. = n.c. = not checked

WEL = Workplace Exposure Limit EH40, TWA = Long-term exposure limit (8-hour TWA (= time weighted average) reference

period), STEL = Short-term exposure limit (15-minute reference period) / BMGV = Biological monitoring guidance value EH40

AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany) / BGW = "Biologischer Grenzwert" (biological limit value, Germany)

VbF = Regulations for flammable liquids (Austria)

WGK = water hazard class (Germany) - WGK 3 = very hazardous, WGK 2 = hazardous, WGK 1 = slightly hazardous to water

VOC = Volatile organic compounds / AOX = Adsorbable organic halogen compounds

VwVwS = Administrative Order relating to substances hazardous to water (Germany)

The statements made here should describe the product with regard to the necessary safety precautions - they are

not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge.

No responsibility.

These statements were made by:

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