

Date of issue: 28.01.2010 **Replaces Data Sheet of :** ---

*** alterations as compared to previous version; n.ap. = not applicable; n.av. = not available

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

1.1 Identification of Substance or Preparation

Trade Name : Dermalux Testlotion sensible

Article No. : n.av.

Preparation No. : n.av.

Registration No. : n.av.

1.2 Use of the substance / preparation:

Test substance

1.3 Company / Undertaking Identification

1.3.1 Address of the Company / Supplier:

Fa. KBD GmbH, D-69469 Weinheim: InnoCent International GmbH, Reutackerstraße 22D, D - 79591 Eimeldingen
Telephone : 07621-422 338-0, Fax : 07621-422 338-3, e-mail: n.av.

1.3.2 Responsible :

Chemie & Vorschrift, Kannheideweg 35, D-53123 Bonn-Duisdorf; E-Mail: info[at]chemie-vorschrift.de

1.4 Emergency - Telephone

Information Centre Specialising in Symptoms of Poisoning
Telephone : +49 - 761 - 19 240

Emergency - Telephone of Company / Undertaking
Telephone : 07621-422 338-0 (08:30 - 16:30)

2 HAZARDS IDENTIFICATION

2.1 For Humans (additional information is given under item 11) :

No special dangers known.

2.2 For the Environment :

Product may soil public waters by raising overall contamination.

2.3 For Materials:

None.

3 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Chemical Characterisation:

Aqueous mixture of cosmetic agents

3.2 Dangerous Ingredients:

| CAS - No. | Index - No. | EEC - No. | Material | m% - range | Symbol | R - phrases |
|------------|-------------|-----------|---|------------|--------|-------------|
| 36653-82-4 | n.av. | 253-149-0 | Hexadecan-1-ol | 1 - 5% | Xi | R 38 |
| 68955-20-4 | n.av. | 273-258-7 | Schwefelsäure, Mono-C16-18-alkylester, Natriumsalze | 1 - 5% | Xi | R 38-41 |

Remarks: Classification and labelling of a product is indicated under item 15.

4 FIRST AID MEASURES

4.1 Inhalation:

Not relevant

4.2 Skin Contact :

Wash off immediately with large amounts of water.

In the event of symptoms occurring, seek medical treatment.

4.3 Eye Contact :

Flush eyes out immediately with large amounts of water with eye lids lifted.

In the event of symptoms occurring, seek medical treatment.

4.4 Ingestion :

Rinse mouth out and drink plenty of water. Do not cause vomiting. If symptoms persist, consult physician.

4.5 Note to Physician:

None.

4.6 Special Equipment:

Not relevant

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5 FIRE FIGHTING MEASURES

- 5.1 **Suitable Extinguishing Media :** This material is not combustible; use extinguishing media appropriate for surrounding fire.
- 5.2 **Extinguishing Media to Avoid :** None.
- 5.3 **Fire and Explosion Hazards :**
None.
- 5.4 **Special Protective Equipment :**
Wear positive pressure self-contained breathing apparatus.
Wear full protective clothing.
- 5.5 **Additional Information :** None.

6 ACCIDENTAL RELEASE MEASURES

- 6.1 **Personal Precautions :**
See No. 8.2 Personal Protective Equipment. High risk of slipping due to leakage / spillage of product.
- 6.2 **Environmental Precautions and Methods for Cleaning up :**
Do not allow to enter drainage / surface-water / ground-water. Soak up with absorbent material. Dispose of absorbed material in accordance with the regulations.
- 6.3 **Further Information :** None.

7 HANDLING AND STORAGE (For national regulations refer to item 15.2)

- 7.1 **Handling**
- 7.1.1 **Precautions for Safe Handling :**
Observe the usual precautionary measures for handling chemicals.
- 7.1.2 **Precautions in Case of Fire and Explosion :**
No special measures necessary
- 7.2 **Storage**
- 7.2.1 **Storage Instructions :**
Protect container from warming up and direct sunlight.
- 7.2.2 **Store away from :**
Store away from oxidizers.
- 7.2.3 **Further Information on Storage Conditions :**
None.
- 7.3 **Specific use(s):** n.av.

8 Exposure Controls and Personal Protection

- 8.1 **Exposure limit values :**
- | Material | Limit Value : |
|----------|---------------|
| | |
- 8.2 **Exposure controls**
- 8.2.1 **Occupational exposure controls:**
Do not inhale vapours. Remove contaminated, saturated clothing immediately. When using do not eat, drink or smoke. Clean skin thoroughly after work and before breaks.
- 8.2.1a **Respiratory Protection :** Not relevant
- 8.2.1b **Hand Protection :** In case of prolonged skin contact use protective gloves.
- 8.2.1c **Eye Protection :** Goggles
- 8.2.1d **Skin Protection :** Not relevant
- 8.2.1e **Further Information :** Refer to special restrictions in wearing protective equipment
- 8.2.2 **Environmental exposure controls:** n.av.

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9 Physical and Chemical Properties**9.1 General information**

9.1.1 **Form** : liquid 9.1.2 **Colour** : Various, depending on coloration 9.1.3 **Odour** : sweetish

9.2 Important health, safety and environmental information

9.2.1 pH-value, undiluted : n.av., pH-value, 1% aqueous solution : n.av.
 9.2.2 Boiling point / Boiling - range (°C) : n.av., Melting point / Melting range (°C) : n.av.
 9.2.3 Flash point (°C, c.c.) : n.av.
 9.2.4 Flammability (EEC A10/A13) : No.
 9.2.5 Ignition temperature (°C) : n.ap.
 9.2.6 Autoflammability (EEC A16) : None.
 9.2.7 Oxidising properties : No.
 9.2.8 Explosion hazard : n.ap.
 9.2.9 Explosion limits (Vol.%) lower : n.ap., upper : n.ap.
 9.2.10 Vapour pressure : n.ap.
 9.2.11 Density (g/ml) : n.av.
 9.2.12 Solubility (in Water) : Soluble
 9.2.13 Partition coefficient, n-Octanol/Water : n.av.
 9.2.14 Viscosity : n.av.
 9.2.15 Solvent separation test : n.ap.
 9.2.16 Solvent content (m %) : n.ap.

9.3 Other information

9.3.1 Thermal decomposition (°C) : n.av.
 9.3.2 Vapour density (Air = 1) : n.av.
 9.3.3 Evaporation rate : n.av.

10 STABILITY AND REACTIVITY

10.1 **Conditions to Avoid** :
 No hazardous reactions known.

10.2 **Materials to Avoid** :
 None.

10.3 **Hazardous Decomposition Products** :
 None.

10.4 **Further Information** :
 Not relevant

11 TOXICOLOGICAL INFORMATION**11.1 Toxicological Tests :****11.1.1 Acute Health Effects :**

Inhalation, LC₅₀ rat, (mg/l/4h) : n.av.
 Ingestion, LD₅₀ rat, (mg/kg) : n.av.
 Skin - contact, LD₅₀ rat, (mg/kg) : n.av.
 Irritation (to skin / eye) : Non-irritant
 Sensitisation : None.

11.1.2 Subacute / Chronic Toxicity :

Carcinogenicity : n.av.
 Mutagenicity : n.av.
 Teratogenicity : n.av.
 Narcotic Effects : None.

11.2 Practical Experience

11.2.1 Observations relevant for classification :
 None.

11.2.2 Further Observations :
 None.

11.3 General Remarks :

Classification of the preparation has been done by calculation in accordance with EEC directives.

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12 ECOLOGICAL INFORMATION

- 12.1 **Ecotoxicity :**
n.av.
- 12.2 **Mobility :**
n.av.
- 12.3 **Persistence and degradability:**
The product is readily biodegradable to OECD criteria. (OECD 301D, 28d)
- 12.4 **Bioaccumulative potential:**
n.av.
- 12.5 **Results of PBT assessment**
n.av.
- 12.6 **Other adverse effects**
 - 12.6.1 COD-Value, mg/g : n.av.
 - 12.6.2 BOD₅-Value, mg/g : n.av.
 - 12.6.3 AOX-Remarks : Not relevant
 - 12.6.4 Significant Components : None.
 - 12.6.5 Other adverse effects : None.

13 DISPOSAL CONSIDERATIONS (For national Regulations refer to item 15.)

- 13.1 **Residues**
 - 13.1.1 Recommendation : D 10 / R 1 Waste - Code - No. : 07 07 99
In addition comply with the regional authorities.
 - 13.1.2 Safe Handling: See item 7 and 15.
- 13.2 **Contaminated Packaging**
 - 13.2.1 Recommendation : Wash with suitable cleaner. Otherwise as described under Residues.
 - 13.2.2 Safe Handling : As described under Residues.

14 TRANSPORT INFORMATION

14.1 Transportation by Road or Railway according to ADR and RID

Remarks : No dangerous goods according to ADR

Name and Description:

| | | |
|----------------------|-------------------|-------------|
| Class : | UN - No : | Risklabel: |
| Classification Code: | Packing Group : | Hazard-No.: |
| Transport-category: | Limited Quantity: | |

14.2 Classification for Transportation by Inland-Navigation according to ADNO

Remarks : Classification has not been done.

Class : Division : Category :

14.2.1 Description of Goods :

14.2.2 Remarks :

14.3 Classification for Transportation by Vessels according to IMDG

Remarks : No dangerous goods according to IMDG

| | | |
|---------|-----------------------|-----------|
| Class : | UN-No. | EmS-No. : |
| : | Packing Group : 4.3.1 | |

14.3.2 Marine Pollutant :

14.3.3 Instruction for Declaration and Labelling :

Proper Shipping Name :

Risk Label :

14.3.4 Remarks :

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- 14.4 **Classification for Transportation by Aeroplane according to IATA-DGR/ICAO-TI**
Remarks : No dangerous goods according to IATA-DGR
Class : UN-No.
: Packing Group : 4.4.1 **Instruction for Declaration and Labelling :**
Proper Shipping Name :
Risk Label :
Packing Instructions, Passenger : Cargo :
14.4.2 **Remarks :**

15 REGULATORY INFORMATION

- 15.1 **Classification according to EEC-Regulations :**
Classification required by EEC : No. Applicable Exemptions :
Hazard Identification : Hazard Symbol(s) :
Component(s) :
R-Phrases :

S-Phrases :
S 2: Keep out of reach of children.
S 46: If swallowed, seek medical advice immediately and show this container or label.

Additional Markings :
Although this product does not require a hazard warning label, we recommend that the safety advice should be observed.
15.1.1 The above mentioned labelling is valid for distribution to private consumer.
Labelling (formats, exemptions, additional markings) has to be done according to respective regulations.

15.2 National Regulations

VOC-Content: n.av.

16 OTHER INFORMATION**Text of R phrases mentioned in Section 3**

R38 - Irritating to skin.

R41 - Risk of serious damage to eyes.

The statements in this Material Safety Data Sheet were made to the best of our knowledge and are as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.

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