

Date of issue: 21.12.2004 Replaces Data Sheet of : ---

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

**1 Identification of Substance / Preparation and Company****1.1 Identification of Substance or Preparation****Trade Name :** ROVI Aloe Vera Juice 10:1 preserved**Article No. :** n.av.**Preparation No. :** n.av.**1.2 Use of the substance / preparation:**

Cosmetic raw material

1.3 Company / Supplier Identification**1.3.1 Address of the Company / Supplier:**

ROVI GmbH & Co. Kosmetische Rohstoffe KG, Breitwiesenstraße 1, D - 36381 Schlüchtern

Telephone : +49-6661-9676-0, Fax : +49-6661-9676-76

1.3.2 Responsible :

Chemie & Vorschrift, Kannheideweg 35, D-53123 Bonn-Duisdorf

1.4 Emergency - Telephone

Information Centre Specialising in Symptoms of Poisoning

Telephone : ++49 - 761 - 19 240

Emergency - Telephone of Company / Undertaking

Telephone : +49-6661-9676-0

2 Composition / Information on Ingredients**2.1 Chemical Characterisation:**

Natural plant derivative of Aloe Barbadensis Miller and Aloe Arborescens

2.2 Dangerous Ingredients:**CAS - No. Index - No. EEC - No. Material****m% - range Symbol R - phrases**

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

3 Hazards Identification**3.1 For Humans** (additional information is given under item 11) :

No special dangers known.

3.2 For the Environment :

None.

3.3 For Materials:

None.

4 First Aid Measures**4.1 Inhalation:**

Remove person to fresh air.

If irritation persists consult physician.

4.2 Skin Contact :

Wash with soap and water.

4.3 Eye Contact :

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

If irritation persists consult physician.

4.4 Ingestion :

Rinse mouth out and drink plenty of water.

In the event of symptoms occurring, seek medical treatment.

4.5 Note to Physician:

None.

4.6 Special Equipment:

None.

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5 Fire Fighting Measures

5.1 **Suitable Extinguishing Media :** foam dry powder water

5.2 **Extinguishing Media to Avoid :** None.

5.3 **Fire and Explosion Hazards :**

In case of fire, product may form: Organic crackproducts and carbon oxides.

5.4 **Additional Information :** None.

5.5 **Special Protective Equipment :**

Wear positive pressure self-contained breathing apparatus.

Wear full protective clothing.

6 Accidental Release Measures

6.1 **Personal Precautions :**

See No. 8.3 Personal Protective Equipment. High risk of slipping due to leakage / spillage of product.

6.2 **Environmental Precautions and Methods for Cleaning up :**

Take up residues with suitable absorbent materials.

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. Use only in well ventilated areas.

7.1.2 **Precautions in Case of Fire and Explosion :**

None.

7.2 **Storage**

7.2.1 **Storage Instructions :**

Protect container from warming up and direct sunlight. Store in cool and dry place. Keep container tightly closed.

7.2.2 **Store away from :**

Store away from lyes.

7.2.3 **Further Information on Storage Conditions :**

Before opening containers, completely wipe the top of containers with a disinfectant solution. Transfer to sterile containers only. Product is subject to microbial contamination and must be handled with care.

7.2.4 **Storage Class :** 12 (VCI - Concept)

8 Exposure Controls and Personal Protection

8.1 **Information on System Design :**

Provide personal protective equipment.

8.2 **Exposure Limits:**

8.2.1 **Material**

Limit Value :

8.3 **Personal Protective Equipment**

8.3.1 **General Protection and Hygiene :**

Do not eat, drink or smoke during work. Do not inhale vapours. Avoid contact with eyes. Avoid prolonged and / or repeated contact with skin. Remove contaminated soaked clothing immediately and dispose of safely.

8.3.2 **Respiratory Protection :** No.

8.3.3 **Hand Protection :** In case of prolonged skin contact use protective gloves.

8.3.4 **Eye Protection :** Goggles

8.3.5 **Skin Protection :** No.

8.3.6 **Further Information :** Refer to special restrictions in wearing protective equipment

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9 Physical and Chemical Properties**9.1 Appearance****9.1.1 Form** : liquid**9.1.2 Colour** : colourless**9.1.3 Odour** : odourless**9.2 Safety Relevant Data****9.2.1** pH-value, undiluted :

3,5 - 4,7, pH-value, 1% aqueous solution : n.av.

9.2.2 Boiling point / Boiling - range (°C) :

~ 100, Melting point / Melting range (°C) : n.av.

9.2.3 Flash point (°C, c.c.) :

n.ap.

9.2.4 Flammability (EEC A10/A13) :

n.ap.

9.2.5 Ignition temperature (°C) :

n.ap.

9.2.6 Autoflammability (EEC A16) :

n.ap.

9.2.7 Oxidising properties :

n.ap.

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) :

1,01 - 1,08

9.2.12 Solubility (in Water) :

Soluble

9.2.13 Partition coefficient, n-Octanol/Water :

n.av.

9.2.14 Viscosity :

< 100 mPa*s

9.2.15 Solvent separation test :

n.ap.

9.2.16 Solvent content (m %) :

n.ap.

9.3 Further Data**9.3.1** Thermal decomposition (°C) :

n.av.

9.3.2 Vapour density (Air = 1) :

n.ap.

9.3.3 Evaporation rate :

n.av.

10 Stability and Reactivity**10.1 Conditions to Avoid :**

Active agent is not resistant against UV-light.

10.2 Materials to Avoid :

Reactions with alkalies.

10.3 Hazardous Decomposition Products :

n.av.

10.4 Further Information :

None.

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) : > 16000Skin - contact, LD₅₀ rat, (mg/kg) : n.av.

Irritation (to skin / eye) : None.

Sensitisation : n.av.

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 :

Excessive amounts can cause diarrhea.

11.3 General Remarks :

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

Information on toxicology apply to pure product.

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12 Ecological Information

12.1 **Ecotoxic Effects, Aquatic Toxicity :**
n.av.

12.2 **Behaviour in Sewage Works :**
Mobility and Accumulation Potential : n.av.
n.av.

12.3 **Elimination (Persistence and Degradability) :**
n.av.

12.4 Other Ecological Information

12.4.1 COD-Value, mg/g : n.av.

12.4.2 BOD₅-Value, mg/g : n.av.

12.4.3 AOX-Remarks : n.ap.

12.4.4 Significant Components : None.

12.4.5 Other adverse effects : None.

13 Disposal Considerations (For national Regulations refer to item 15.)

13.1 Residues

13.1.1 Recommendation : D 1 (91/156 EG) Waste - Code - No. : 07 06 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 /GGVSE

Remarks : No dangerous goods according to ADR

Class : Classification Code :

Packing Group :

Hazard-No. : UN-No. :

14.1.1 Instruction Concerning Shipper's Declaration and Packaging :

Volume or Mass

Name and Description

**Risklabel Packing - Code
or instruction**

14.2 Classification for Transportation by Inland-Navigation according to ADNO/GGVBinnSch

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/GGVSee

Remarks : No dangerous goods according to IMDG

Class : UN-No. :

Packing Group :

14.3.1 EmS-No. :

14.3.2 Marine Pollutant :

14.3.3 Instruction for Declaration and Labelling :

(Packing sizes with possible exemptions not considered)

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 :

14.4.1 Instruction for Declaration and Labelling :

(Packing sizes with possible exemptions not considered)

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 :

Additional Markings :

15.1.1 The above mentioned labelling is valid for distribution to industrial user.

Labelling (formats, exemptions, additional markings) has to be done according to respective regulations.

15.2 National Regulations (for Germany only)

15.2.1 **Beschäftigungsbeschränkung nach MuSchG / JArbSchG beachten :** No.

15.2.2 **Aufbewahrungspflicht nach § 24 GefStoffV beachten :** No.

15.2.3 **Störfallverordnung beachten :** No.

15.2.4 **Technische Anleitung Luft :** Klasse Ziffer Anteil m%

No.

15.2.5 **Wassergefährdungsklasse :** 1 (Classification according to VwVwS)

15.2.6 **Regelungsbereich der TRGS 514 beachten :** No.

15.2.7 **Regelungsbereich der TRGS 515 beachten :** No.

15.2.8 **Regelungsbereich der TRG 300 beachten :** No.

15.2.9 **Regelungsbereich des WRMG beachten :** No.

15.2.10 **Gesundheitsschädlich i.S.d. § 2 Abs. 3 der Verpackungsverordnung :**No.

15.2.11 **Sonstige zu beachtende Vorschriften :** None.

16 Other Information

Text of R phrases mentioned in Section 2

n.av.

This Material Safety Data Sheet relates to 2001/58/EEC and TRGS 220.

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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