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Date of issue: 02.09.2015 Replaces Data Sheet of: ---

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

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade Name: Diapol Paste DP2 Vanille

Article No.: 9702
Preparation No.: n.av.
Registration No.: n.ap.

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

Use: Diamond paste for intra- and extra oral mirror finish

1.3 Details of the supplier of the safety data sheet

1.3.1 Address of the Company / Supplier:

Hager & Meisinger GmbH, Hansemannstrasse 10, 41468 Neuss

Telephone: +49(0)2131/20 12 - 0, Telefax: +49(0)2131/20 12 - 222, E-Mail: info@meisinger.de

1.3.2 Responsible for the data sheet:

CoSiChem AG, Ernst-Lemmer-Straße 23, D - 35041 Marburg, info@cosichem.de

1.4 Emergency telephone number

Emergency - Telephone of Company / Undertaking Information Centre Specialising in Symptoms of

Poisoning

Telephone: +49(0)2131/20 12 - 0 Telephone: +44 870 600 6266

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

EUH208

2.2 Label elements

Classification according to 1272/2008/EC: Yes.

Applicable Exemptions: No.

Signal word(s): n.ap. Hazard pictogram(s):

Component(s):

H - Phrases:

P - Phrases:

P280: Wear protective gloves/protective clothing/eye protection/face protection.

Additional Markings:

EUH208: Contains Vanillin. May produce an allergic reaction.

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

2.3 Other hazards

Handle in accordance with good industrial hygiene and safety practice.

May cause eye irritation with susceptible persons.

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SECTION 3: Composition/information on ingredients

3.1 Substances

n. ap.

3.2 Mixtures

Chemical Characterisation:

Mixture

Dangerous Ingredients:

Material			H - phrases	m% -
CAS - No.	EC - No.	REACH - No.		range
Sodium do	decyl sulphate		Acute Tox. 4 H302 / H312 / H332	0,1 - 1%
151-21-3	205-788-1	01-2119489461-32-xxxx	Skin Irrit. 2 H315 Eye Dam. 1 H318 STOT SE 3 H335 Aquatic Chronic 2 H411	
Vanillin			Acute Tox. 4 H302	0,1 - 1%
121-33-5	204-465-2	n. av.	Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Irrit. 2 H319 STOT SE 3 H335	

Text of H - phrases: see section 16

SECTION 4: First aid measures

4.1 Description of first aid measures

4.1.1 Inhalation:

Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion.

4.1.2 Skin Contact:

Wash off with warm water and soap.

In the case of skin irritation or allergic reactions see a physician.

4.1.3 Eye Contact:

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

4.1.4 Ingestion:

Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting. Consult a physician for severe cases. Show this safety data sheet to the doctor in attendance.

4.2 Most important symptoms and effects, both acute and delayed None known.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable Extinguishing Media:

Use dry chemical, CO₂, water spray or "alcohol" foam.

5.1.2 Extinguishing Media to Avoid:

High volume water jet.

5.2 Special hazards arising from the substance or mixture

In the event of fire the following can be released: Carbon oxides, sulphur oxides.

5.3 Advice for firefighters

5.3.1 Special Protective Equipment:

Wear positive pressure self-contained breathing apparatus. Wear full protective clothing.

5.3.2 Additional Information:

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

See chapter 8.2.2

6.2 Environmental precautions

Do not contaminate water. Do not let product enter drains.

Local authorities should be advised if significant spillages cannot be contained.

6.3 Methods and material for containment and cleaning up

Use mechanical handling equipment. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

None.

7.1.1

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Precautions for Safe Handling:

Avoid contact with eyes. When using, do not eat, drink or smoke.

Take off all contaminated clothing immediately. Wash hands before breaks and at the end of workday.

7.1.2 Precautions in Case of Fire and Explosion:

Normal measures for preventive fire protection.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage Instructions:

Keep container tightly closed in a dry and well-ventilated place.

7.2.2 Store away from:

Do not store together with strong oxidizing agents.

7.2.3 Further Information on Storage Conditions:

None.

7.3 Specific end use(s)

n.av.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Material Limit Value

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Ensure adequate ventilation.

8.2.2 Individual protection measures

8.2.2a Respiratory Protection: Not required under normal use 8.2.2b Hand Protection: Not required under normal use

Prolonged exposure: Protective gloves complying with EN 374.

The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of

cuts, abrasion, and the contact time.

8.2.2c **Eye Protection:** If splashes are likely to occur, wear: safety glasses

8.2.2d **Skin Protection:** None.

8.2.2e **Further Information:** Observe wearing time limits:

8.2.3 Environmental exposure controls:

n.av.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

9.1.1 Form: paste Colour: yellow Odour: pleasant

Odour threshold: n.av.

9.1.2 pH-value, undiluted: n.ap. pH-value, 1% aqueous solution: n.av.

9.1.3 Boiling point / Boiling - range (°C): n.av., Melting point / Melting range (°C): n.av.

9.1.4 Flash point (°C): n.ap., closed cup

9.1.5 Flammability (EEC A10/A13): No.
9.1.6 Ignition temperature (°C): n.av.
9.1.7 Autoflammability (EEC A16): None.
9.1.8 Oxidising properties: No.
9.1.9 Explosion hazard: No.

9.1.10 Explosion limits (Vol.%) lower: n.av., upper: n.av.

9.1.11 Vapour pressure: n.av. Vapour density (Air = 1): n.av. 9.1.12 Density (g/ml): n.av.

9.1.13 Solubility (in Water): slightly soluble

9.1.14 Partition coefficient, n-Octanol / Water: n.av.
9.1.15 Viscosity: n.av.
9.1.16 Solvent content (m %): Not relevant

9.1.17 Thermal decomposition (°C): n.av. 9.1.18 Evaporation rate: n.av.

9.2 Other information

ı.av.

SECTION 10: Stability and reactivity

10.1 Reactivity

None.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid

No conditions to be specially mentioned.

10.5 Incompatible materials

Incompatible with oxidizing agents.

10.6 Hazardous decomposition products

No decomposition if stored and applied as directed. To avoid thermal decomposition, do not overheat.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute Health Effects:

 Inhalation:
 n.av.

 Ingestion:
 n.av.

 Skin Contact:
 n.av.

 Skin corrosion / irritation:
 None.

 Serious eye damage / irritation:
 None.

Respiratory or skin sensitisation: May cause an allergic skin reaction.

Germ cell mutagenicity:

Carcinogenicity:

Reproductive toxicity:

STOT-single exposure:

STOT-repeated exposure:

Aspiration hazard:

n. av.

n. av.

n. av.

n. av.

n. av.

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11.1.1 - Practical Experience

11.1.11 n.av.

11.1.12 Practical Experience

Observations relevant for classification:

None.

Further Observations:

None.

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

SECTION 12: Ecological information

12.1 Toxicity

We have no quantitative data concerning the ecological effects of this product.

12.2 Persistence and degradability

No data is available on the product itself.

12.3 Bioaccumulative potential

n.av

12.4 Mobility in soil

n.av.

12.5 Results of PBT and vPvB 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 applicable.

12.6.4 Significant Components: None.

12.6.5 Other adverse effects: Not applicable.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

13.1.1 Recommendation: Waste - Code - No.:

The Waste code should be assigned in discussion between the user, the producer and the waste

disposal company.

In addition comply with the regional authorities.

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. Handle in accordance with good industrial hygiene and

safety practice.

Safe	ety Data Sheet in Accordar	 nce with regulation	on 2015/830 Page 6 of
Trad	e Name: Diapol Paste DP2 Vanille bany / Supplier: Hager & Meisinger Gmblohone: +49(0)2131/20 12 - 0, Date of issu	H, Hansemannstrasse 10,	41468 Neuss
SEC1	FION 14: Transport information		
	ADR	IMDG	IATA
	Not a dangerous substance as defined	a in the above regulations.	•
14.1	UN number		
14.2	UN proper shipping name		
14.2	on proper shipping hame		
14.3	Transport hazard class(es)	I	l .
14.4	Packing group		
14.5	Environmental hazards		
1 1.0	ETTTI OTTITOTTAL HAZARAO		
14.6	Special precautions for user		
	Transport category:		Packing Instructions
	Classification Code: Hazard - No.:		(Passenger)
	LQ:		Packing Instructions (Cargo)
			(Cargo)
14.7	Transport in bulk according to Anne	ex II of MARPOL73/78 an	d the IBC Code
SEC1	FION 15: Regulatory information		
15.1	Safety, health and environmental re	gulations/legislation spe	ecific for the substance or mixture
15.2	n.av.		
15.2	Chemical safety assessment : n.ap.		
	FION 16: Other information		
	f H phases mentioned in Section 3 Harmful if swallowed.		
-	Harmful in contact with skin. Causes skin irritation.		
H317:	May cause an allergic skin reaction.		
	Causes serious eye damage. Causes serious eye irritation.		
H332:	Harmful if inhaled.		
	May cause respiratory irritation. Toxic to aquatic life with long lasting effer	cts.	
	atasheet has been compiled in accordan		5/830.
The sta	atements in this Material Safety Data She	eet were made to the best	of our knowledge and are as
	te as possible. They are given for inform it's properties. They must neither be alter		
Prepar	ed by: CoSiChem AG, Ernst-Lemmer-St		rg, info@cosichem.de, +49-6421-886563
Receip	ot of Data: 25.08.2015, ern_0002		