

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Page 1/5

DE Reinforced Zincoxide Eugenol powder

Revision 6
Revision date 2015-06-10

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

1.1. Product identifier

Product name DE Reinforced Zincoxide Eugenol powder, 40g REF: P120142

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

Product Use [SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [SU20] Health services; [PC19] Intermediate; [PROC5] Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact);

1.3. Details of the supplier of the safety data sheet

Company DE Healthcare Ltd.
Unit 9, Kingsthorpe Business Centre,
Studland Road, Kingsthorpe,
Northampton NN2 6NE U.K.

Distributed by/Distribuido por/Distribue par/Vertrieb durch/Distribuito da
And in the USA/Y en EEUU/Et aux Etats-Unis/Und in USA/E in USA:
41 Weaver Road
Denver, PA 17517 USA

info@dehpbrand.com
Tel. +44 1634 266 056
www.dehpbrand.com

1.4. Emergency telephone number

Emergency telephone number Chemtrec US: (800) 424-9300 Chemtrec International: 001 703-527-3887

SECTION 2: Hazards identification


2.1. Classification of the substance or mixture

2.1.1. Classification - 67/548/EEC Xn; R22 N; R50
Symbols: Xn: Harmful. N: Dangerous for the environment.

Main hazards Harmful if swallowed. Very toxic to aquatic organisms.

2.1.2. Classification - EC 1272/2008 Acute Tox. 4: H302; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;

2.2. Label elements

Hazard pictograms 

Signal Word Warning

Hazard Statement Acute Tox. 4: H302 - Harmful if swallowed.
Aquatic Acute 1: H400 - Very toxic to aquatic life.
Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.

Precautionary Statement: Prevention P264 - Wash thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P273 - Avoid release to the environment.

Print date 2015-06-10

DE Reinforced Zincoxide Eugenol powder

Revision 6

Revision date 2015-06-10

2.2. Label elements

Precautionary Statement: Response	P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/ /if you feel unwell. P330 - Rinse mouth. P391 - Collect spillage.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to

Further information

	Medical devices as defined in Directive 93/42/EEC and which are invasive or used in direct physical contact with the human body, are exempted from the provisions of regulation (EC) No 1272/2008 (CLP/GHS) usually if they are in the finished state and intended for the final user.
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SECTION 3: Composition/information on ingredients

3.1. Substances

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Zinc oxide	030-013-00-7	1314-13-2	215-222-5		70 - 80%	N; R50/53	
Polymethyl methacrylate		9011-14-7			1 - 10%	Xn; R20/22	

EC 1272/2008

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Polymethyl methacrylate		9011-14-7			1 - 10%	Acute Tox. 4: H302;	

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	Remove contaminated clothing. Seek medical attention if irritation or symptoms persist. Wash off immediately with plenty of soap and water.
Ingestion	DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	May cause irritation to mucous membranes.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin.
Ingestion	May cause irritation to mucous membranes.

4.3. Indication of any immediate medical attention and special treatment needed

	None.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

DE Reinforced Zincoxide Eugenol powder

Revision 6
Revision date 2015-06-10

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area.

6.2. Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

Clean spillage area thoroughly with plenty of water. Sweep up. Transfer to suitable, labelled containers for disposal.

6.4. Reference to other sections

SECTION 13: Disposal considerations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.

7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed. Keep in a cool, dry, well ventilated area. Store in correctly labelled containers.

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

8.2.2. Individual protection measures

Wear protective clothing.

Eye / face protection

Approved safety goggles. In case of splashing, wear:.

Skin protection - Handprotection

Chemical resistant gloves (PVC).

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Powder
Colour	White/Off white
Odour	Odourless

9.2. Other information

No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No data is available on this product.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Heat. Moisture.

10.5. Incompatible materials

Strong acids.

10.6. Hazardous decomposition products

Carbon dioxide (CO₂).

DE Reinforced Zincoxide Eugenol powder

Revision 6

Revision date 2015-06-10

SECTION 11: Toxicological information

11.1.4. Toxicological Information

Zinc oxide	Oral Rat LD50: 15000 mg/kg
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SECTION 12: Ecological information

12.1. Toxicity

Zinc oxide	Daphnia EC50/48h: 1000 mg/l	Fish LC50/96h: 1.1 mg/l
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12.2. Persistence and degradability

	No data available.
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12.3. Bioaccumulative potential

	No data is available on this product.
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12.4. Mobility in soil

	No data is available on this product.
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12.5. Results of PBT and vPvB assessment

	No data available.
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12.6. Other adverse effects

	No data is available on this product.
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

	Dispose of in compliance with all local and national regulations.
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Disposal methods

	For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.
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Disposal of packaging

	Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.
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SECTION 14: Transport information

Hazard pictograms

	
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14.1. UN number

	UN3077
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14.2. UN proper shipping name

	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
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14.3. Transport hazard class(es)

ADR/RID	9
Subsidiary risk	-
IMDG	9
Subsidiary risk	-
IATA	9
Subsidiary risk	-

14.4. Packing group

Packing group	III
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DE Reinforced Zincoxide Eugenol powder

Revision 6

Revision date 2015-06-10

14.5. Environmental hazards

Environmental hazards	Yes
Marine pollutant	Yes

14.6. Special precautions for user

	No data available.
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14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

	The product is not classified as dangerous for carriage.
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ADR/RID

Hazard ID	90
Tunnel Category	(E)

IMDG

EmS Code	F-A S-F
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IATA

Packing Instruction (Cargo)	956
Maximum quantity	400 kg
Packing Instruction (Passenger)	956
Maximum quantity	400 kg

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

	No data is available on this product.
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15.2. Chemical safety assessment

	No data available.
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SECTION 16: Other information

Other information

Revision	This document differs from the previous version in the following areas: 14 - ADR/RID. 14 - IMDG. 14 - IATA.
Text of risk phrases in Section 3	R20/22 - Harmful by inhalation and if swallowed. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Text of Hazard Statements in Section 3	Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects. Acute Tox. 4: H302 - Harmful if swallowed.