

1907/2006

Commercial Product Name: KATALYSATOR HAERTEPULVER

Revision date: 05.06.2008

Article-No.: 26081-XXX

Version: 1/en

Print date: 05.06.2008

1. Identification of the substance/preparation and company

Commercial Product Name KATALYSATOR HAERTEPULVER

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Responsible Department Environmental Department +049 - 0571/9339-176

Emergency telephone number Outside USA: -001 703 527 3887 (D813)
In USA: -800 424 9300 (D813)

Use hardener

2. Hazards possibilities

Classification and labelling according to Directive 67/548/EEC. R43 Xi; R36 O; R7

R-phrases(s) R36: Irritating to eyes.
R43: May cause sensitisation by skin contact.
R7: May cause fire.

Hazard symbols Xi: Irritant
O: Oxidising

3. Composition / information on ingredients

Chemical characterization Benzoylperoxyde, phlegmated with plasticizer

Hazardous ingredients

Ingredient	CAS No.	EG-No.	Index-No.	Classification	Concentration
DIBENZOYL PEROXIDE	94-36-0	202-327-6	617-008-00-0	E; R2;Xi; R36;R43	45.0 - 50.0 % by weight

4. First aid measures

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General advice	If symptoms persist, call a physician.
If inhaled	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
In case of skin contact	IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs, seek medical advice/attention.
In case of eye contact	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
If swallowed	Rinse mouth. Do NOT induce vomiting. Call a physician immediately.

5. Firefighting measures

Suitable extinguishing media	Carbon dioxide (CO ₂) , Dry powder , Dry sand , Water spray , Foam
Extinguishing media which must not be used for safety reasons	Halons
Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases	
Special protective equipment for firefighting	In the event of fire, wear self-contained breathing apparatus.
Additional information on firefighting	Cool closed containers exposed to fire with water spray.

6. Accidental release measures

Personal precautions	Do not breathe dust. Avoid contact with skin and eyes. Use personal protective equipment.
Environmental precautions	Do not flush into surface water or sanitary sewer system.
Methods for cleaning up	Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13). Avoid dust formation.
Other information	Risk of ignition.

7. Handling and storage

Advice on safe handling	Wear personal protective equipment. Do not breathe dust. Avoid contact with skin and eyes.
Storage specifications	Store in original container. Keep container tightly closed in a dry and well-ventilated place.

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Recommended storage temperature: 25 °C

8. Exposure controls / personal protection

Respiratory protection Use the indicated respiratory protection if the occupational exposure limit is exceeded and/or in case of product release (dust).
 remarks: Recommended Filter type: P 1

Engineering measures Ensure adequate ventilation, especially in confined areas.

Ingredients with occupational exposure limits to be monitored

DIBENZOYL PEROXIDE

WEL/EH40

Long-term value

5 mg/m³

9. Physical and chemical properties

Form powder
 Colour white
 Odour weak
 Melting point > 40 °C
 Flash point > 60 °C
 Autoinflammability
 Lowest measured value: > 380 °C
 Density appr. 1230 kg/m³
 temperature: 20 °C
 Bulk density appr. 620 – 650 kg/m³
 temperature: 20 °C
 Water solubility
 remarks: insoluble

10. Stability and reactivity

Hazardous decomposition products Benzoic acid , Benzol
 Thermal decomposition Self-Accelerating decomposition temperature (SADT) appr. 55 °C
 Materials to avoid Rust , Iron , Copper , Acids , Reducing agents
 Conditions to avoid Do not allow to dry. Explosive when dry.

11. Toxicological information

Oral toxicity
 Test criterion: LD50

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Test species: Ratte
 Lowest measured value: > 5000 mg/kg

Irritant effect on eyes

Sensitization May cause sensitization by skin contact.

12. Environmentally-specific information

Environmental hazards According to the results of tests of biodegradability this product is considered as being readily biodegradable.

13. Disposal considerations

Disposal considerations According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. The following Waste Codes are only suggestions:

Waste Code 160903 – peroxides, for example hydrogen peroxide

14. Transport information

Land transport

UN-No: 3106
 Description of the goods: ORGANISCHES PEROXID TYP D, FEST (DIBENZOYLPEROXID)
 English description of the goods: ORGANIC PEROXIDE TYPE D, SOLID (DIBENZOYL PEROXIDE)
 Class: 5.2
 ADR/RID-Labels: 5.2
 remarks: Conc.: > 35% – 52%; Inert solid: >= 48%
 Category: 2
 Classification Code: P1

Marine transport IMDG/GGVSee

UN-No: 3106
 Proper shipping name: ORGANIC PEROXIDE TYPE D, SOLID (DIBENZOYL PEROXIDE)
 Class: 5.2
 ADR/RID-Labels: 5.2
 remarks: Conc.: > 35% – 52%; Inert solid: >= 48%
 EmS: F-J;S-R

Air transport ICAO/IATA

UN-No: 3106
 Description of the goods: Organisches Peroxid Typ D, fest (Dibenzoyl peroxide)
 Proper shipping name: Organic peroxide type D, solid (Dibenzoyl peroxide)
 Class: 5.2
 ADR/RID-Labels: 5.2

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remarks:

Conc.: > 35% - 52%; Inert solid: >= 48%

15. Legal specifications

Hazard symbols

Xi



Xi: Irritant

O



O: Oxidising

Hazardous component(s) to be indicated on label

DIBENZOYL PEROXIDE

R-phrases(s)

R36: Irritating to eyes.

R43: May cause sensitisation by skin contact.

R7: May cause fire.

S-phrases(s)

S50 - Do not mix with reducing agents.

S14.8: Keep away from strong acids, alkalis, salts of heavy metals and reductants.

S22: Do not breathe dust.

S3/7: Keep container tightly closed in a cool place.

S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

16. Other information

R phrases applying to ingredients

R2: Risk of explosion by shock, friction, fire or other sources of ignition.

R36: Irritating to eyes.

R43: May cause sensitisation by skin contact.

This information is provided in accordance with the current status of our knowledge and experience. The Safety Data Sheet describes products with a view to relevant safety requirements. This information does not constitute a warranty of properties, features or qualities.