

Material Safety Data Sheet

According to 1907/2006/EC

Reviewed on 04.12.2009

Trade name: Citrosil weiß

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1. Identification of the substance/preparation and company

Name of substance/preparation

Trade name: Citrosil (weiß)

Material number: 13303080/13303032/13302000/13301000

Use of substance / preparation: Industrial elastomer products

Manufacturer/Supplier: Klasse 4 Dental GmbH
Bismarckstr.21
D-86159 Augsburg

Tel. +49 821-60 89 14 0
Fax +49 821-60 89 14 10

Information: phone +49 (0) 821 608914-0

Emergency information: phone +49 (0) 821 608914-0

2. Composition/information on ingredients

Mixtures:

General information: Mixture of organosiloxanes, additives.

3. Hazards identification

Classification of the substance or mixture:

The product has not been classified as hazardous according to the legislation in force.

Hazard summary:

Physical hazards: Combustible.

Health hazards:

Inhalation: No specific symptoms noted.

Eye contact: No specific symptoms noted.

Skin contact: No specific symptoms noted.

Ingestion: No specific symptoms noted.

Other Health Effects: No other information noted.

Environmental hazards: Not regarded as dangerous for the environment.

Label elements:

The product does not need to be labeled in accordance with EC directives or respective national laws.

Other hazards: No data available.

4. First-aid measures

General information:

Get medical attention if symptoms occur. Contaminated clothing to be placed in closed container until disposal or decontamination.

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Description of first aid measures:

After inhalation: not relevant

After contact with the skin: Remove contaminated clothing and shoes. Wash with soap and water.

After contact with the eyes: In the event of contact with the eyes, rinse thoroughly with clean water. Continue to rinse for at least 15 minutes.

After swallowing: Rinse mouth thoroughly. Do not induce vomiting.

Most important symptoms and effects, both acute and delayed:

None known.

Indication of any immediate medical attention and special treatment needed:

Hazards: No specific recommendations.

Treatment: No specific recommendations.

5. Fire-fighting measures

General fire hazards: No specific recommendations.

Suitable extinguishing media: water spray, extinguishing powder, foam, carbon dioxide.

Special hazards arising from the substance or mixture: Combustible. For further information, refer to section 10: "Stability and Reactivity".

Advice for firefighters:

Special Fire Fighting Procedures: Water spray should be used to cool containers.

Special protective equipment for fire-fighting: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6. Accidental release measures:

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment. See Section 8 of the MSDS for Personal Protective Equipment.

Environmental precautions: Collect spillage. Do not discharge into drains, water courses or onto the ground.

Methods and material for containment and cleaning up: Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Container must be kept tightly closed. Absorb with sand or other inert absorbent. To clean the floor and all objects contaminated by this material, use an appropriate solvent.(cf. : § 9) Flush area with plenty of water. Incinerate in suitable combustion chamber.

Notification Procedures: Caution: Contaminated surfaces may be slippery. For waste disposal, see section 13 of the MSDS.

7. Handling and storage

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Handling:

Precautions for safe handling: No special protective measures required.

Conditions for safe storage, including any incompatibilities:

No special storage precautions noted. Material is stable under normal conditions. Avoid contact with oxidizing agents.

Suitable containers:

Polyethylene. Plastic lined steel drum.

8. Exposure controls and personal protection equipment

Exposure limits

Occupational exposure limits:

None of the components have assigned exposure limits.

Exposure controls:

Appropriate engineering controls:

No special precautions.

Individual protection measures, such as personal protective equipment:

General information:

No specific precautions.

Eye/face protection:

Safety Glasses

Skin protection:

Use protective gloves made of: Nitrile. Polyvinyl chloride (PVC). Rubber or plastic.

Hand protection:

It is a good industrial hygiene practice to minimize skin contact. Wear suitable protective clothing.

Other:

No specific precautions.

Respiratory Protection:

No specific precautions.

Hygiene measures:

Provide eyewash station and safety shower.

Environmental Controls:

No data available.

9. Physical and chemical properties

General information

Physical state/ form:

liquid

Colour:

white

Odour:

odourless

Important information about the protection of health, safety and the environment

**Method
(67/548/EWG)**

Melting point / melting range

not applicable

Boiling point / boiling range

not applicable

Flash point

> 200 °C

Ignition temperature

> 400 °C

Decomposition Temperature:

> 200 °C

Lower explosion limit (LEL)

not applicable

Upper explosion limit (UEL)

not applicable

Vapour pressure

< 0,1 hPa (20 °C)

Vapor density (air=1):

No data available.

Relative density:

1,1 (20 °C) Approximate

Water solubility / miscibility

virtually insoluble

Solubility (other):

Diethylether.: Miscible (in all proportions).

Common organic solvents.: Miscible (in all proportions).

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pH-Value	Aromatic hydrocarbons.: Miscible (in all proportions).
Viscosity (dynamic)	Aliphatic hydrocarbons.: Miscible (in all proportions).
	Acetone.: Very slightly soluble.
	Ethanol.: Very slightly soluble.
	Not applicable
	2 500 mm ² /s (20 °C)
Oxidizing properties:	According to the data on the components Not considered as oxidizing. (evaluation by structure-activity relationship)

10. Stability and reactivity

Reactivity:	Not relevant.
Chemical stability:	Stable
Possibility of hazardous reactions:	
	Not known.
Conditions to avoid:	No other information noted.
Incompatible materials:	Strong oxidizing agents.
Hazardous decomposition products:	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors. Amorphous silica.

11. Toxicological information

Information on likely routes of exposure

Inhalation:	No effects expected (assessment based on ingredients).
Ingestion:	No effects expected (assessment based on ingredients).
Skin contact:	No effects expected (assessment based on ingredients).
Eye contact:	No effects expected (assessment based on ingredients).

Information on toxicological effects:

Acute Toxicity:

Oral:

Product:	No effects expected (assessment based on ingredients).
Dermal:	

Product:	No effects expected (assessment based on ingredients).
Specified substance(s):	

Inhalation:

Product:	No effects expected (assessment based on ingredients).
Repeated dose toxicity:	

Product:	No effects expected (assessment based on ingredients).
Skin corrosion/irritation:	

Product:	No effects expected (assessment based on ingredients).
Serious eye damage/eye irritation:	

Product:	No effects expected (assessment based on ingredients).
Respiratory or skin sensitization:	

Product:	No effects expected (assessment based on ingredients).
Germ cell mutagenicity:	

In vitro:

Product:	No effects expected (assessment based on ingredients).
Product:	No effects expected (assessment based on ingredients).

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In vivo:

Product: No effects expected (assessment based on ingredients).

Carcinogenicity: No effects expected (assessment based on ingredients).

Product: No data available.

Specified substance(s):

Reproductive toxicity:

Product: No effects expected (assessment based on ingredients).

Reproductive toxicity/Fertility:

Product: No data available.

Specified substance(s):

Developmental

Toxicity/Teratogenicity:

Product: No data available.

Specified substance(s):

Specific target organ toxicity - single exposure:

Product: No effects expected (assessment based on ingredients).

Specific target organ toxicity - repeated exposure:

Product: No effects expected (assessment based on ingredients).

Aspiration hazard:

Product: No effects expected (assessment based on ingredients).

Other adverse effects: None known.

12. Ecological information

Toxicity:

Acute toxicity:

Fish:

Product: No effects expected (assessment based on ingredients).

Aquatic invertebrates:

Product: No effects expected (assessment based on ingredients).

Chronic Toxicity:

Fish:

Product: No effects expected (assessment based on ingredients).

Aquatic invertebrates:

Product: No effects expected (assessment based on ingredients).

Toxicity to Aquatic Plants:

Product: No effects expected (assessment based on ingredients).

Persistence and degradability:

Biodegradation:

Product: Not applicable

BOD/COD ratio:

Product: No data available.

Specified substance(s):

Bioaccumulative potential:

Product: No data available.

Specified substance(s):

Mobility in soil: No data available.

Known or predicted distribution to environmental compartments:

Results of PBT and vPvB

assessment: None Reported

Other adverse effects: None known.

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13. Disposal considerations

Waste treatment methods:

General information:

The user's attention is drawn to the possible existence of local regulations regarding disposal.

Disposal Methods:

Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. Incinerate in suitable combustion chamber.

Contaminated packages should be as empty as possible. Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. Recycle following cleaning or dispose of at an authorised site.

European Waste Codes:

Unused product:

Data available upon request.

14. Transport information

This material is not subject to transport regulations.

Environmental hazards: Not regulated.

Special precautions for user: No special precautions.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable.

Transport/further information

Informing dept. ref. to heading 14. Transport information:

Klasse4: Phone +49 (0) 821 608914-0
Fax +49 (0) 821 608914-10

15. Regulatory information

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

National Regulations:

Wassergefährdungsklasse (WGK):

WGK 1: schwach wassergefährdend.

Water Hazard Class (WGK):

WGK 1: slightly water-endangering.

Chemical safety assessment: No data available.

16. Other information

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Revision Information: Not relevant.

Key literature references and sources for data: No data available.

Wording of the R-phrases and H-statements in section 2 and 3: None

Training information: No data available.

Inventory Status

Australia AICS:	On or in compliance with the inventory
Canada DSL Inventory List:	On or in compliance with the inventory
EU EINECS List:	On or in compliance with the inventory
Japan (ENCS) List:	Not in compliance with the inventory.
China Inv. Existing Chemical Substances:	On or in compliance with the inventory
Korea Existing Chemicals Inv. (KECI):	On or in compliance with the inventory
Philippines PICCS:	On or in compliance with the inventory
US TSCA Inventory:	On or in compliance with the inventory
New Zealand Inventory of Chemicals:	On or in compliance with the inventory

Issue Date: 11.01.2013

SDS No:

Disclaimer: The information given is based on data available for the material, the components of the material, and similar materials. The information is believed to be correct. It is given in good faith. This information should be used to make an independent determination of the methods to safeguard workers and the environment.