

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**Ionosit Microspand**

Print date: 11.01.2013

Product code: 2210

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

Ionosit Microspand

**Relevant identified uses of the substance or mixture and uses advised against****Details of the supplier of the safety data sheet**

Company name:	DMG Chemisch-Pharmazeutische Fabrik GmbH	
Street:	Elbgaustraße 248	
Place:	D-22547 Hamburg	
Telephone:	+49. (0) 40. 84006-0	Telefax: +49. (0) 40. 84006-222
e-mail:	info@dmg-dental.com	
Internet:	www.dmg-dental.com	

**SECTION 2: Hazards identification****Classification of the substance or mixture**

Indications of danger : Irritant

R-phrases:

Irritating to eyes, respiratory system and skin.

May cause sensitization by skin contact.

**Label elements**

Danger symbols: Xi - Irritant



Xi - Irritant

**Hazardous components which must be listed on the label**

Methacrylic esters.

**R phrases**

36/37/38	Irritating to eyes, respiratory system and skin.
43	May cause sensitization by skin contact.

**S phrases**

26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
28	After contact with skin, wash immediately with plenty of Water and soap. .
24/25	Avoid contact with skin and eyes.
37/39	Wear suitable gloves and eye/face protection.

**SECTION 3: Composition/information on ingredients****Mixtures****Chemical characterization**chemical characterization (preparation): Acrylate.-resin.  
polycarboxylates**SECTION 4: First aid measures****Description of first aid measures****After inhalation**

Move victim to fresh air. Put victim at rest and keep warm.

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**After contact with skin**

After contact with skin, wash immediately with: Water and soap.

**After contact with eyes**

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**After ingestion**

Immediately get medical attention.

**SECTION 5: Firefighting measures****Extinguishing media****Suitable extinguishing media**Water fog. Extinguishing powder. Sand. Foam. Carbon dioxide (CO<sub>2</sub>).**Extinguishing media which must not be used for safety reasons**

High power water jet.

**SECTION 6: Accidental release measures****Personal precautions, protective equipment and emergency procedures**

Wear suitable protective clothing. Provide adequate ventilation.

**Environmental precautions**

Do not empty into drains or the aquatic environment.

**Methods and material for containment and cleaning up**

Collect mechanically.

**SECTION 7: Handling and storage****Precautions for safe handling****Advice on safe handling**

Keep container tightly closed. Wear suitable protective clothing and gloves. Avoid contact with eyes.

**Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**Keep container tightly closed in a cool, well-ventilated place.  
Store only in original container.**SECTION 8: Exposure controls/personal protection****Control parameters****Exposure controls****Occupational exposure controls**

Ensure adequate ventilation of the storage area.

**Protective and hygiene measures**

When using do not eat or drink.

**Respiratory protection**

The following must be prevented: inhalation.

**Hand protection**

Tested protective gloves are to be worn: Suitable material: NBR (Nitrile rubber).

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**Eye protection**

Tightly sealed safety glasses.

**SECTION 9: Physical and chemical properties****Information on basic physical and chemical properties**

Physical state:	Paste
Colour:	yellow
Odour:	like: ester

**Test method**

pH-Value (at 20 °C):	3.5
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**Changes in the physical state**

point of decomposition:	> 200 °C
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Flash point:	> 150 °C
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Density:	1.3 g/cm <sup>3</sup>
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Water solubility: (at 20 °C)	30 g/L
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Vapour density:	> 1
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**SECTION 10: Stability and reactivity****Conditions to avoid**

Light. heat.

Decomposition takes place from temperatures above: 200 °C

Decomposition under formation of: Acrylate.

**Incompatible materials**

Keep away from strong acids, leachates, heavy metal salts and reducing materials.

**Hazardous decomposition products**

Can be released in case of fire: Gas / vapours, irritant. (Acrylate., pungent)

**Further information**

Substances sensitive to light.

**SECTION 11: Toxicological information****Information on toxicological effects****Acute toxicity**

LD50: Rat. 2000 mg/kg

**Irritation and corrosivity**

Frequently or prolonged contact with skin may cause dermal irritation.

Irritant effect on the eye:

**Sensitising effects**

May cause sensitization by skin contact.

**Additional information on tests**

Contains Methacrylic esters.: May produce an allergic reaction.

**SECTION 12: Ecological information****Persistence and degradability**

Preparation not tested.

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**Further information**

Do not empty into drains or the aquatic environment. Leakage into the environment must be prevented.

**SECTION 13: Disposal considerations****Waste treatment methods****Advice on disposal**

Can be burnt together with household waste in compliance with official regulations in contact with approved waste disposal companies and with authorities in charge.

Paste: Carry out a burning of hazardous waste according to official regulations.

**Waste disposal number of waste from residues/unused products**

180106 WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care); wastes from natal care, diagnosis, treatment or prevention of disease in humans; chemicals consisting of or containing dangerous substances  
Classified as hazardous waste.

**SECTION 14: Transport information****Other applicable information**

Not a hazardous material with respect to these transportation regulations.

**SECTION 15: Regulatory information****Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulatory information**

Water contaminating class (D): 2 - water contaminating

**SECTION 16: Other information****Full text of R-phrases referred to under sections 2 and 3**

36/37/38 Irritating to eyes, respiratory system and skin.  
43 May cause sensitization by skin contact.

**Further Information**

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(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)