

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

073243300

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

073243318

# Material Safety Data Sheet

Revision Date: 10.02.2010

(EC 1907/2006)

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## 1. Chemical product and company identification

**Product name:**

O-Bite

**Supplier:**

**DMG Chemisch-Pharmazeutische Fabrik GmbH**

Elbgaustraße 248

22547 Hamburg

Germany

Fon: +49. (0) 40. 84006-0

Fax: +49. (0) 40. 84006-222

info@dmg-dental.com

www.dmg-dental.com

**Emergency contact: Infotrac-(800)535-5053**

## 2. Hazards Identification

None, if handled according to directions.

No labelling of hazardous ingredients required.

## 3. Composition / Information on ingredients

**Common chemical name / Generic name:**

Preparation of vinyl dimethyl polysiloxane, platinum complexes and silica.

## 4. First-aid measures

**In case of inhalation:** Not applicable.

**In case of skin contact:** Wash with soap and water.

**In case of eye contact :** Immediately rinse with plenty of water, seek medical advice.

**In case of ingestion:** Consult a physician.

## 5. Fire-fighting measures

**Extinguishing media:** Powder, sand, foam, carbon dioxide, water spray.

**Not suitable extinguishing media:** Direct jet of water.

## 6. Accidental release measures

**Personal precautions:** Wear suitable protective clothing.

**Environmental precautions:** Avoid pollution of water and sewage.

**Methods for cleaning up:** Take up mechanically, with inert fluid-binding material.

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## 7. Handling and storage

### Handling:

**Technical measures:** Keep container tightly closed.

**Safe handling advice:** Wear suitable gloves. Avoid contact with eyes.

### Storage:

**Technical measures:** No special precautions necessary.

**Storage conditions:** Keep container tightly closed.

**Recommended packaging material:** Container of glass or metal or solvent-stable plastics.

## 8. Exposure controls/personal protection

**Engineering measures:** No special precautions necessary.

### Personal protective equipment:

**Respiratory protection:** Non volatile vapours.

**Hand and skin protection:** Rubber gloves.

**Eye protection:** Goggles.

**Hygiene measures:** When using do not eat or drink.

## 9. Physical und chemical properties

**Appearance:** Pasty or viscous liquid in different colorations.

**Odour:** Weak or fruity

**pH-value:** Not applicable

### Changes in physical state:

**Boiling temperature:** > 300 °C

**Decomposition temperature:** ca. 100 °C

**Flashpoint:** > 130 °C

**Ignition temperature:** > 400 °C

**Explosion properties:** not established

**Vapour pressure:** < 100 mbar

**Rel. vapour density:** > 1

**Density:** 1.2 - 1.7 g/cm<sup>3</sup>

**Solubility in water:** insoluble

## 10 Stability and reactivity

**Thermal decomposition:** None, if handled and stored according to directions. At ca. 100 °C in presence of air evolution of small amounts of formaldehyd by oxidative degradation.

**Hazardous reactions:** In presence of water evolution of small amounts of hydrogen possible.

**Conditions to avoid:** Heat.

**Hazardous decomposition products:** Formaldehyd, hydrogen.

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<b>11 Toxicological information</b> <ul style="list-style-type: none"><li><b>Acute orale toxicity:</b> LD<sub>50</sub> (rat) &gt; 5000 mg/kg</li><li><b>Irritation of skin :</b> Not irritating.</li><li><b>Irritation of eye:</b> Not irritating (rabbit, 24 h). On prolonged exposure irritation possible.</li></ul>
<b>12 Ecological information</b> <ul style="list-style-type: none"><li>Do not discharge into drains or the environment, dispose to an authorised waste collection point.</li><li><b>Persistence und degradability:</b> No data available for the preparation. Partially degradable (components).</li><li><b>Ecotoxicity:</b> Fish toxicity LC<sub>50</sub> &gt; 200 mg/l / 96 h.</li></ul>
<b>13 Disposal considerations</b> <ul style="list-style-type: none"><li><b>Waste from residues:</b> Dispose to an authorised waste collection point. Use proper landfill disposal or incineration in accordance with local, state and federal regulations.</li></ul>
<b>14 Transport information</b> <ul style="list-style-type: none"><li><b>Additional information:</b> Not dangerous transport goods.</li></ul>
<b>15 Regulatory information</b> <ul style="list-style-type: none"><li><b>Labelling according to international regulations:</b> No labelling.</li></ul>
<b>16 Other information</b> <ul style="list-style-type: none"><li>None.</li></ul>

The data given here is based on current knowledge and experience. The data does not signify any warranty with regard to the product's properties.

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

### 1.1. Product identifier

O-Bite

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

### 1.3. Details of the supplier of the safety data sheet

Company Name: DMG AMERICA LLC  
Address: 242 South Dean Street  
City, State, Zip Code: Englewood, NJ. 07631  
Telephone: (800) 662-6383  
email address: [Info@dmg-america.com](mailto:Info@dmg-america.com)  
Website: [www.dmg-america.com](http://www.dmg-america.com)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

R phrases:

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### GHS classification

Hazard Statements:

Harmful to aquatic life with long lasting effects.

### 2.2. Label elements

#### Hazard statements

H412 Harmful to aquatic life with long lasting effects.

### 2.3. Other hazards

No risks worthy of mention. Please observe the information on the safety data sheet at all times.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Chemical characterization

Paste

#### Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification	
Index No	GHS classification	
REACH No		
	Fatty Alcohol Ethoxylate	< 2.5 %
68131-39-5	C - Corrosive, N - Dangerous for the environment R41-50	
	Eye Dam. 1, Aquatic Acute 1; H318 H400	

Full text of R and H phrases: see Section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### After inhalation

not applicable

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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

Consult physician.

## SECTION 5: Firefighting measures

### 5.1. 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

### 6.1. Personal precautions, protective equipment and emergency procedures

Wear suitable protective clothing.

### 6.2. Environmental precautions

Do not empty into drains or the aquatic environment.

### 6.3. Methods and material for containment and cleaning up

Collect mechanically. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

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

### 7.2. Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Keep container tightly closed. Ensure adequate ventilation of the storage area. Store only in original container.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

### 8.2. Exposure controls



#### Respiratory protection

No risks worthy of mention.

#### Hand protection

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

#### Eye protection

Tightly sealed safety glasses.

#### Skin protection

When using do not eat or drink.

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## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state: Paste  
Colour: characteristic  
Odour: characteristic

#### Test method

pH-Value (at 20 °C): not applicable

#### Changes in the physical state

Boiling point: > 300 °C  
Flash point: > 130 °C  
Ignition temperature: > 400 °C  
Density: 1,2 - 1,7 g/cm<sup>3</sup>  
Water solubility: insoluble  
Vapour density: > 1

## SECTION 10: Stability and reactivity

### 10.4. Conditions to avoid

heat.  
Decomposition takes place from temperatures above: 100 °C  
Decomposition under formation of: Formaldehyde.

### 10.5. Incompatible materials

On contact with water: Formation of: hydrogen.

### 10.6. Hazardous decomposition products

hydrogen. Formaldehyde.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

LD50: Rat. 5000 mg/kg

#### Irritation and corrosivity

Irritant effect on the skin: Not an irritant.  
Irritant effect on the eye: irritant.

## SECTION 12: Ecological information

### 12.1. Toxicity

Acute fish toxicity LC50: > 200 mg/l/96h

### 12.2. Persistence and degradability

Preparation not tested.

#### Further information

Do not empty into drains or the aquatic environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Advice on disposal

Can be burnt together with household waste in compliance with official regulations in contact with

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approved waste disposal companies and with authorities in charge.

### 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

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

#### National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

## SECTION 16: Other information

### Full text of R phrases referred to under Sections 2 and 3

41 Risk of serious damage to eyes.  
50 Very toxic to aquatic organisms.  
52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### Full text of H statements referred to under Sections 2 and 3

H318 Causes serious eye damage.  
H400 Very toxic to aquatic life.  
H412 Harmful to aquatic life with long lasting effects.

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