

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**Luxatemp Star**

Print date: 20.05.2015

Product code: 1300\_GHS\_CAS

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Luxatemp Star

**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 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****2.1. Classification of the substance or mixture**

Indications of danger: Xi - Irritant  
R phrases:  
Irritating to eyes, respiratory system and skin.  
May cause sensitisation by skin contact.

**GHS classification**

Hazard Statements:  
May cause respiratory irritation.  
Causes serious eye irritation.  
Causes skin irritation.  
May cause an allergic skin reaction.

**2.2. Label elements**

|              |         |
|--------------|---------|
| Signal word: | Warning |
| Pictograms:  | GHS07   |

**Hazard statements**

|      |                                      |
|------|--------------------------------------|
| H335 | May cause respiratory irritation.    |
| H319 | Causes serious eye irritation.       |
| H315 | Causes skin irritation.              |
| H317 | May cause an allergic skin reaction. |

**Precautionary statements**

|                |                                                                                                                                  |
|----------------|----------------------------------------------------------------------------------------------------------------------------------|
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P302+P352      | IF ON SKIN: Wash with plenty of soap and water.                                                                                  |

**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**

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**Chemical characterization**

chemical characterization (preparation): Acrylate.-resin.

**Hazardous components**

| EC No      | Chemical name              | Quantity |
|------------|----------------------------|----------|
| CAS No     | Classification             |          |
| Index No   | GHS classification         |          |
| REACH No   |                            |          |
|            | Dimethacrylate Resin       |          |
|            |                            | 35-45 %  |
| 41637-38-1 | Xi - Irritant R36/37/38-43 |          |
|            |                            |          |

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

**SECTION 4: First aid measures****4.1. Description of first aid measures****After inhalation**

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

**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**

Provide adequate ventilation.

**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 in a cool, well-ventilated place.

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Store only in original container.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****8.2. Exposure controls****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).

**Eye protection**

Tightly sealed safety glasses.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

|                 |                |
|-----------------|----------------|
| Physical state: | Paste          |
| Colour:         | characteristic |
| Odour:          | ester          |

**Test method**

|                      |       |
|----------------------|-------|
| pH-Value (at 20 °C): | ca. 7 |
|----------------------|-------|

**Changes in the physical state**

|                         |           |
|-------------------------|-----------|
| Boiling point:          | >250 °C   |
| point of decomposition: | 200 °C    |
| Flash point:            | >150 °C   |
| Ignition temperature:   | >380 °C   |
| Vapour pressure:        | 1 hPa     |
| (at 20 °C)              |           |
| Density:                | 1,5 g/cm³ |
| Water solubility:       | 10 g/L    |
| Vapour density:         | 1         |

**SECTION 10: Stability and reactivity****10.4. Conditions to avoid**

heat. Light.

Decomposition takes place from temperatures above: 200 °C

Decomposition under formation of: Acrylate.

**10.5. Incompatible materials**

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

**10.6. Hazardous decomposition products**

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

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**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute toxicity**

LD50: Rat. 5000 mg/kg

**Irritation and corrosivity**

Frequently or prolonged contact with skin may cause dermal irritation.

Irritant effect on the eye:

**Additional information on tests**

Contains Methacrylic esters.: May produce an allergic reaction.

**SECTION 12: Ecological information****12.1. Toxicity**

Acute fish toxicity LC50: &gt;360 mg/l/48h

**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 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****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulatory information****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 sensitisation by skin contact.

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

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

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|      |                                   |
|------|-----------------------------------|
| H319 | Causes serious eye irritation.    |
| H335 | May cause respiratory irritation. |

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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.)*