

# Material Safety Data Sheet

## According to 91/155 EC

Printing date 29.04.2002

Reviewed on 29.04.2002

### 1 Identification of the substance/preparation and of the company/undertaking

- **Product details**
- **Trade name:** AGC Dubli Gum, AGC Dubli Gum Härter
- **Manufacturer/Supplier:**  
 Wieland Dental + Technik GmbH & Co.KG  
 Schwenninger Str. 13  
 75179 Pforzheim  
 Telefon + 49 (07231)-37050, Telefax + 49 (07231)-357959
- **Further information obtainable from:** Abteilung Umweltschutz

### 2 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Mixture of substances listed below with nonhazardous additions.
- **Dangerous components:** Void

### \* 3 Hazards identification

- **Hazard description:** Not applicable.
- **Information concerning particular hazards for human and environment:** Not applicable.
- **Classification system:**  
 The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

### 4 First-aid measures

- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**  
 Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** Seek immediate medical advice.

### 5 Fire-fighting measures

- **Suitable extinguishing agents:**  
 CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards caused by the substance, its products of combustion or resulting gases:**  
 During heating or in case of fire poisonous gases are produced.
- **Protective equipment:** Wear self-contained respiratory protective device.

### 6 Accidental release measures

- **Person-related safety precautions:**  
 Ensure adequate ventilation  
 Wear protective clothing.
- **Measures for environmental protection:** No special measures required.
- **Measures for cleaning/collecting:**  
 Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Additional information:** No dangerous substances are released.

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### 7 Handling and storage

- **Handling:**
- **Information for safe handling:**  
Keep receptacles tightly sealed.  
Ensure good ventilation/exhaustion at the workplace.
- **Information about fire - and explosion protection:**  
Fumes can combine with air to form an explosive mixture.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Store in cool, dry conditions in well sealed receptacles.
- **Storage class:**
- **Class according to regulation on flammable liquids:** Void

### 8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Ingredients with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Immediately remove all soiled and contaminated clothing  
Wash hands before breaks and at the end of work.
- **Respiratory protection:** Not required.
- **Protection of hands:** Plastic gloves
- **Eye protection:** Safety glasses
- **Body protection:** Protective work clothing

### 9 Physical and chemical properties

- |                                     |   |
|-------------------------------------|---|
| · <b>Form:</b>                      | Fluid   |
| · <b>Colour:</b>                    | According to product specification            |
| · <b>Odour:</b>                     | Product specific                              |
| · <b>Change in condition</b>        |   |
| <b>Melting point/Melting range:</b> | Undetermined.                                 |
| <b>Boiling point/Boiling range:</b> | Undetermined.                                 |
| · <b>Flash point:</b>               | Not applicable.                               |
| · <b>Ignition temperature:</b>      |   |
| · <b>Decomposition temperature:</b> | > 200°C                                       |
| · <b>Self-igniting:</b>             | Product is not selfigniting.                  |
| · <b>Danger of explosion:</b>       | Product does not present an explosion hazard. |
| · <b>Vapour pressure at 20°C:</b>   | < 0.1 hPa                                     |
| · <b>Density at 20°C:</b>           | ca. 1-1.2 g/cm <sup>3</sup>                   |

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· <b>Solubility in / Miscibility with water:</b>	Not miscible or difficult to mix.
· <b>pH-value at 20°C:</b>	9.2
· <b>Viscosity: Dynamic at 20°C:</b>	5000 mPas

### 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **Dangerous reactions** Reacts with acids, alkalis and oxidizing agents.
- **Dangerous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**  
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.  
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

### 12 Ecological information

- **Information about elimination (persistence and degradability):**
- **Other information:** The product is difficultly biodegradable.
- **General notes:**  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

### 13 Disposal considerations

- **Product:**
- **Recommendation**  
Can be disposed of with household garbage after solidification following consultation with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.
- **Uncleaned packaging:**
- **Recommendation:**  
Packagings that may not be cleansed are to be disposed of in the same manner as the product.

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### 14 Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -

- **Maritime transport IMDG:**

- **IMDG Class:** -
- **Marine pollutant:** No

- **Air transport ICAO-TI and IATA-DGR:**

- **ICAO/IATA Class:** -

\*

### 15 Regulatory information

- **Labelling according to EU guidelines:**

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

- **National regulations:**
- **Classification according to VbF:** Void

### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing MSDS:** Abteilung Umweltschutz
- **Contact:** Herr Selzer

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