



# Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 20.04.2009

Version 3

Revision: 20.04.2009

## 1 Identification of substance:

- **Product details:**
- **Trade name: GUM-M**
- **Article number:** 08096, 09096, 10096
- **Application of the substance / the preparation**  
Printing and reproduction of recorded media  
Gum solution for printing plates  
Reserved for industrial and professional use.
- **Manufacturer/Supplier:**  
ADEFO-CHEMIE GmbH  
Justus-von-Liebig-Str. 24-26  
D-63128 Dietzenbach  
Tel.: +49 6074 84239-0  
Fax: +49 6074 84239-63  
E-Mail: [service@adefo-chemie.de](mailto:service@adefo-chemie.de)  
[www.adefo-chemie.de](http://www.adefo-chemie.de)
- **Informing department:**  
Tel.: +49 6074 84239-0  
Fax: +49 6074 84239-63  
Competent person according to 1907/2006/EC, Annex II:  
E-Mail: [kr@calbe-chemie.de](mailto:kr@calbe-chemie.de)
- **Emergency information:** Tel.: 0700-24112112 (CAL)

## 2 Hazards identification

- **Information pertaining to particular dangers for man and environment**  
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system**  
The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

## 3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Mixture of the substances listed below with harmless additions.
- **Dangerous components:** Void
- **Additional information** For the wording of the listed risk phrases refer to section 16.

## 4 First aid measures

- **General information** Instantly remove any clothing soiled by the product.
- **After inhalation** No special measures required.
- **After skin contact** Instantly wash with water and soap and rinse thoroughly.
- **After eye contact**  
Rinse opened eye for several minutes under running water (> 15 min). Then consult doctor.
- **After swallowing** Rinse out mouth and then drink plenty of water.

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- **Information for doctor**
- **The following symptoms may occur:** No known symptoms to date.

### 5 Fire fighting measures

- **Suitable extinguishing agents**  
CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam. Use fire fighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agents** None
- **Special hazards caused by the material, its products of combustion or resulting gases:**  
Can be released in case of fire  
Carbon monoxide (CO)
- **Protective equipment:** Do not inhale explosion gases or combustion gases.

### 6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:**  
Dilute with much water.  
Do not allow to enter drainage system, surface or ground water.
- **Measures for cleaning/collecting:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose of contaminated material as waste according to item 13.
- **Additional information:**  
See Section 8 for information on personal protection equipment.  
See Section 13 for information on disposal.

### 7 Handling and storage

- **Handling**
- **Information for safe handling:** No special precautions necessary if used correctly.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Keep container tightly sealed.  
Protect from frost.

### 8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components 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 that were valid during the compilation were used as basis.

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- **Personal protective equipment**
- **General protective and hygienic measures**  
The usual precautionary measures should be adhered to general rules for handling chemicals.
- **Breathing equipment:** Not required.
- **Protection of hands:**  
Protective gloves.  
The protective gloves to be used must comply with the specifications of the EC directive 89/686/EEC and the resultant standard EN 374.  
This recommendation applies only to the product stated in the Safety Data Sheet and supplied by us as well as to the purpose specified by us.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**  
Synthetic gloves  
Recommended thickness of the material:  
≥ 0,38 mm
- **Penetration time of glove material**  
Value for permeation: Level ≥ 6 (480 min)  
The determined penetration times according to EN 374 part III are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.
- **As protection from splashes gloves made of the following materials are suitable:**  
Synthetic gloves  
Value for permeation: Level:  
≥ 3 (60 min)
- **Eye protection:** Safety glasses
- **Body protection:** Light weight protective clothing

### 9 Physical and chemical properties:

#### · General Information

<b>Form:</b>	Fluid
<b>Colour:</b>	Yellow
	Clear
<b>Odour:</b>	Odourless

#### · Change in condition

<b>Melting point/Melting range:</b>	< 0°C
<b>Boiling point/Boiling range:</b>	> 100°C

· **Flash point:** > 100°C

· **Self-inflammability:** Product is not selfigniting.

· **Danger of explosion:** Product is not explosive.

#### · Critical values for explosion:

**Oxidizing properties** None

· **Density at 20°C** 1.04 g/cm<sup>3</sup>

#### · Solubility in / Miscibility with

**Water:** miscible

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- |                            |                |
|----------------------------|----------------|
| · <b>pH-value at 25°C:</b> | 4.9            |
| · <b>Viscosity:</b>        |                |
| <b>dynamic:</b>            | Not determined |
| <b>kinematic:</b>          | Not determined |

### 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **Dangerous reactions** None
- **Dangerous products of decomposition:** No dangerous decomposition products known

### 11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritant effect.
- **Sensitization:** No sensitizing effect known.
- **Additional toxicological information:**  
The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:  
This statement was deduced from the properties of the single components.

### 12 Ecological information:

- **Information about elimination (persistence and degradability):** Not determined
- **Behaviour in environmental systems:** Not determined
- **Mobility and bioaccumulation potential:** Not determined
- **Ecotoxicological effects:** Not determined
- **Acquatic toxicity:** Not determined
- **Behaviour in sewage processing plants:** Not determined
- **General notes:**  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.  
At present there are no ecotoxicological assessments.  
The product does not contain organically bounded halogens (AOX-free).

### 13 Disposal considerations

- **Product:**
- **Recommendation**  
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.  
Must be specially treated under adherence to official regulations.

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**· European waste catalogue**

08 04 99 wastes not otherwise specified

**· Uncleaned packagings:****· Recommendation:**

Non contaminated packagings can be used for recycling.

Packagings that cannot be cleaned are to be disposed of in the same manner as the product.

EAK-No. 15 01 10

**· Recommended cleaning agent:** Water, if necessary with cleaning agent.

## 14 Transport information

**· Land transport ADR/RID (cross-border)****· ADR/RID-GGVS/E Class:** -**· Maritime transport IMDG:****· IMDG Class:** -**· Air transport ICAO-TI and IATA-DGR:****· ICAO/IATA Class:** -**· Transport/Additional information:** Not dangerous according to the above specifications.

## 15 Regulatory information

**· Designation according to EC guidelines:**

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

**· National regulations****· Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.**· Other regulations, limitations and prohibitive regulations****· Substances of very high concern (SVHC) according to REACH, Article 57**

## 16 Other information:

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**· Recommended restriction of use** No public product, only for commercial use**· Sources**

applicable EEC directives:

- 1999/45/EC last change 2006/8/EC

- 67/548/EC last change 2004/73/EC (29. ATP)

Internal physical tests, MSDS of the ingredients

**· \* Data compared to the previous version altered.**

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