

# MATERIAL SAFETY DATA SHEET

According to 91/155/EEC

**Buffer Solution pH 9,00**

**30289**

Date Updated:: 04/04/2007

## 1 - Product and Company Information

Product Name BUFFER PH 9,00

Product Number 30289

**Innerpackage: Glass bottle**

### Company:

**Gatt-Koller GmbH**

**Swarovskistrasse 74**

**A – 6067 Absam**

Phone: 0043-5223-44216-0 11 Fax: 0043-5223-43216

### Emergency telephone:

0049-551-19240

## 2 - Composition/Information on Ingredients

Product Name CAS # EC no Annex I Index Number

BUFFER PH 9,00

Mixture of not dangerous ingredients

## 3 - Hazards Identification

SPECIAL INDICATION OF HAZARDS TO HUMANS AND THE ENVIRONMENT

Not hazardous according to Directive 67/548/EEC.

## 4 - First Aid Measures

AFTER INHALATION

If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

AFTER SKIN CONTACT

In case of contact, immediately wash skin with soap and copious amounts of water.

AFTER EYE CONTACT

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

AFTER INGESTION

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

## 5 - Fire Fighting Measures

EXTINGUISHING MEDIA

Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

SPECIAL RISKS

Specific Hazard(s): Emits toxic fumes under fire conditions.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

## 6 - Accidental Release Measures

METHODS FOR CLEANING UP

Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill site after material pickup is complete.

## 7 - Handling and Storage

HANDLING

Directions for Safe Handling: Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

# MATERIAL SAFETY DATA SHEET

According to 91/155/EEC

## Buffer Solution pH 9,00

30289

### STORAGE

Conditions of Storage: Keep tightly closed.

### 8 - Exposure Controls / Personal Protection

#### ENGINEERING CONTROLS

Safety shower and eye bath. Mechanical exhaust required.

#### GENERAL HYGIENE MEASURES

Wash thoroughly after handling.

#### PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection: Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Respiratory protection is not required. Where protection is desired, use multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges.

Hand Protection: Protective gloves.

Eye Protection: Chemical safety goggles.

### 9 - Physical and Chemical Properties

Appearance Physical State: Liquid

Color:	Colorless
Property Value At Temperature or Pressure	
pH 9	20 °C
BP/BP Range 100 °C	760 mmHg
MP/MP Range	N/A
Flammability	N/A
Autoignition Temp	N/A
Oxidizing Properties	N/A
Explosive Properties	N/A
Explosion Limits	N/A
Vapor Pressure	N/A
SG/Density	1 g/cm <sup>3</sup> 20 °C
Partition Coefficient	N/A
Viscosity	N/A
Vapor Density	N/A
Saturated Vapor Conc.	N/A
Evaporation Rate	N/A
Bulk Density	N/A
Decomposition Temp.	N/A
Solvent Content	N/A
Water Content	N/A
Surface Tension	N/A
Conductivity	N/A
Miscellaneous Data	N/A
Solubility	N/A

### 10 - Stability and Reactivity

#### STABILITY

Stable: Stable.

Materials to Avoid: Strong oxidizing agents.

#### HAZARDOUS DECOMPOSITION PRODUCTS

Hazardous Decomposition Products: Nature of decomposition products not known.

#### HAZARDOUS POLYMERIZATION

Hazardous Polymerization: Will not occur

### 11 - Toxicological Information

#### SIGNS AND SYMPTOMS OF EXPOSURE

To the best of our knowledge, the chemical, physical, and

# MATERIAL SAFETY DATA SHEET

According to 91/155/EEC

**Buffer Solution pH 9,00**

**30289**

toxicological properties have not been thoroughly investigated.

## ROUTE OF EXPOSURE

Skin Contact: May cause skin irritation.

Skin Absorption: May be harmful if absorbed through the skin.

Eye Contact: May cause eye irritation.

Inhalation: Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.

Ingestion: May be harmful if swallowed.

## 12 - Ecological Information

No data available.

## 13 - Disposal Considerations

### SUBSTANCE DISPOSAL

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

## 14 - Transport Information

### RID/ADR

Non-hazardous for road transport.

### IMDG

Non-hazardous for sea transport.

### IATA

Non-hazardous for air transport.

## 15 - Regulatory Information

Not hazardous according to Directive 67/548/EEC.

Caution: Substance not yet fully tested (EU).

## COUNTRY SPECIFIC INFORMATION

Germany

WGK: Normally not dangerous for water

Self-Classification

## 16 - Other Information

### WARRANTY

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

See reverse side of invoice or packing slip for additional terms and conditions of sale.

### DISCLAIMER

For R&D use only. Not for drug, household or other uses.

### Company:

**Gatt-Koller GmbH**

**Swarovskistrasse 74**

**A – 6067 Absam**

Phone: 0043-5223-44216-0 11 Fax: 0043-5223-43216