

1 / 3  
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
 Revision: 16.09.2008 Replaces the version of: 08.10.2007  
 PDF date: 16.09.2008  
 CO2 - Testflüssigkeit, - Reaktionsflüssigkeit, - Indicator fluid  
 CO2 - Spülflüssigkeit, -Rinsing fluid

## Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Identification of the substance or preparation**

**CO2 - Testflüssigkeit, -  
 Reaktionsflüssigkeit, - Indicator fluid  
 CO2 - Spülflüssigkeit, -Rinsing fluid**

**Use of the substance/preparation**  
 Refer to description of material or preparation.

**Company/undertaking identification**  
 Schleyer Test Eqmt., Alfred-Nobel-Str. 7, D-97080 Würzburg  
 Telephone ++49 (0) 931 98494, Fax ++49 (0) 931 97816

E-mail address of the competent person: info@chemical-check.de, k.schnurbusch@chemical-check.de

**Emergency telephone**  
**Advisory office in case of poisoning:**  
 Tel.: +49 30 / 19240 Berlin  
**Telephone number of the company in case of emergencies:**  
 Tel. 8.00h-17.00h ++49 (0) 931 98494

### 2. HAZARDS IDENTIFICATION

**To people**  
 See point 11 and 15.  
 Preparation is not classified as hazardous in the sense of directive 1999/45/EC.  
**To the environment**  
 See point 12.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name			
content %	Symbol	R-phrases	EINECS, ELINCS
	Registration number (ECHA)	DNEL	PNEC
--			

### 4. FIRST AID MEASURES

**4.1 Inhalation**  
 Remove person from danger area.  
 Supply person with fresh air and consult doctor according to symptoms.

**4.2 Eye contact**  
 Remove contact lenses.  
 Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

**4.3 Skin contact**  
 Wash thoroughly with soap and copious water - remove contaminated clothing immediately. If skin irritation occurs (redness etc.), consult doctor.

**4.4 Ingestion**  
 Medical attention recommended.

**4.5 Special resources necessary for first aid**  
 n.c.

### 5. FIRE-FIGHTING MEASURES

**5.1 Suitable extinguishing media**  
 Adapt to the nature and extent of fire.

**5.2 Extinguishing media which shall not be used for safety reasons**  
 n.c.

**5.3 Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases**  
 In case of fire the following can develop:  
 Oxides of carbon

**5.4 Special protective equipment for fire-fighters**  
 In case of fire and/or explosion do not breathe fumes.  
 Protective respirator with independent air supply

**5.5 Further information**  
 Dispose of contaminated extinction water according to official regulations.

### 6. ACCIDENTAL RELEASE MEASURES

Refer to point 13. and for personal protection refer to point 8.

**6.1 Personal precautions**  
 Avoid contact with eyes.

**6.2 Environmental precautions**  
 If leakage occurs, dam up.  
 Do not pour down the drain undiluted.

**6.3 Methods for cleaning up**  
 Collect using absorbant material (e.g. Universal binding medium), and dispose of according to point 13.

### 7. HANDLING AND STORAGE

**7.1 Handling**  
**Tips for safe handling:**  
 See point 6.1  
 General hygiene measures for the handling of chemicals are applicable.  
 Observe directions on label and instructions for use.

**7.2. Storage**  
**Requirements for storage rooms and containers:**  
 Not to be stored in gangways or stair wells.

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision: 16.09.2008 Replaces the version of: 08.10.2007

PDF date: 16.09.2008

CO2 - Testflüssigkeit, - Reaktionsflüssigkeit, - Indicator fluid

CO2 - Spülflüssigkeit, -Rinsing fluid

Store product closed and only in original packing.

### Special storage

#### conditions:

See point 10

Only store at temperatures from 0°C to 45°C

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Exposure limit values

---

### 8.2 Exposure controls

#### 8.2.1 Occupational exposure controls

Ensure good ventilation. This can be achieved by local suction or general air extraction.

If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn.

Applies only if maximum permissible exposure values are listed here.

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work.

Keep away from food, drink and animal feedingstuffs.

Respiratory protection:

Normally not necessary.

Hand protection:

Normally not necessary.

With long-term contact:

Rubber gloves (EN 374).

Permeation time (penetration time) in minutes:

~ > 480

Eye protection:

Tight fitting protective goggles (EN 166) with side protection, with danger of projections.

Skin protection:

Protective working garments (e.g. safety shoes EN 344, long-sleeved protective working garments)

Additional information on hand protection - No tests have been performed.

Selection made for preparations according to the best available knowledge and information on the ingredients.

Selection of materials derived from glove manufacturer's indications.

Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account.

Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.

In the case of preparations the resistance of glove materials cannot be calculated in advance so it has to be tested before use. The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

#### 8.2.2 Environmental exposure controls

n.av.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Colour:	Blue
Odour:	Odourless
pH-value undiluted:	6,6 - 6,8
Boiling point/boiling range (°C):	Not specified
Melting point/melting range (°C):	Not detected
Vapour pressure:	Not detected
Density (g/ml):	0,92/20°C
Water solubility:	Mixable
Viscosity:	Not detected

## 10. STABILITY AND REACTIVITY

### Conditions to avoid

Stable when handled and stored correctly.

### Materials to avoid

No dangerous reactions are known.

### Hazardous decomposition products

See point 5.3

No decomposition when used as directed.

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity and immediate effects

Ingestion, LD50 rat oral

(mg/kg): n.av.

Inhalation, LC50 rat

inhal.(mg/l/4h): n.av.

Skin contact, LD50 rat dermal

(mg/kg): k.D.v., Not irritant

Eye contact: Mild irritant

### Delayed and chronic effects

Sensitization: n.c.

Carcinogenicity: n.c.

Mutagenicity: n.c.

Reproductive toxicity: n.c.

Narcosis: n.c.

### Further information

The product was not tested.

Classification according to calculation procedure.

The following may occur:

Irritation of the eyes

## 12. ECOLOGICAL INFORMATION

The product was not tested.

Water hazard class

(Germany): Not hazardous to water.

Self classification: Yes (VwVwS)

Persistence and degradability: n.av.

Behaviour in sewage plants: n.av.

AOX: k.D.v.

Aquatic toxicity: n.av.

Ecological toxicity: n.av.

## 13. DISPOSAL CONSIDERATIONS

### 13.1. for the material / preparation / residue

EC disposal code no.:

The waste codes are recommendations based on the scheduled use of this product.

3 / 3  
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
 Revision: 16.09.2008 Replaces the version of: 08.10.2007  
 PDF date: 16.09.2008  
 CO2 - Testflüssigkeit, - Reaktionsflüssigkeit, - Indicator fluid  
 CO2 - Spülflüssigkeit, -Rinsing fluid

Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2001/118/EC, 2001/119/EC, 2001/573/EC)  
 07 07 01 aqueous washing liquids and mother liquors  
 07 03 01 aqueous washing liquids and mother liquors  
 Recommendation:  
 Pay attention to local and national official regulations  
 E.g. dispose at suitable refuse site.

**13.2 for contaminated packing material**

See point 13.1  
 Pay attention to local and national official regulations  
 15 01 01 paper and cardboard packaging  
 15 01 02 plastic packaging  
 Empty container completely.  
 Untamated packaging can be recycled.  
 Dispose of packaging that cannot be cleaned in the same manner as the substance.

**14. TRANSPORT INFORMATION**

**General statements**

UN-Number: n.a.

**Road/Rail-transport (ADR/RID)**

Class/packing group: n.a.

Classification code: n.a.

LQ: n.a.

**Transport by sea**

IMDG-code: n.a. (class/packing group)

Marine Pollutant: n.a.

**Transport by air**

IATA: n.a. (class/secondary danger/packing group)

**Additional information:**

Non-dangerous material according to Transport Regulations.

**15. REGULATORY INFORMATION**

**Classification according to Dangerous Product Regulations incl. EC Directives (67/548/EEC and 1999/45/EC)**

Symbols: Not applicable

Indications of danger: --

R-phrases:

S-phrases:

Additions: n.a.

Observe restrictions: n.a.

**16. OTHER INFORMATION**

These details refer to the product as it is delivered.  
 Storage class VCI (Germany): 12  
 Revised points: 4, 10, 11, 13

**Legend:**

n.a. = not applicable / n.v., k.D.v. = n.av. = not available / n.g. = n.c. = not checked

WEL = Workplace Exposure Limit EH40, TWA = Long-term exposure limit (8-hour TWA (= time weighted average) reference period), STEL = Short-term exposure limit (15-minute reference period) / BMGV = Biological monitoring guidance value EH40

AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany) / BGW = "Biologischer Grenzwert" (biological limit value, Germany)

VbF = Regulations for flammable liquids (Austria)

WGK = water hazard class (Germany) - WGK 3 = very hazardous, WGK 2 = hazardous, WGK 1 = slightly hazardous to water

VOC = Volatile organic compounds / AOX = Adsorbable organic halogen compounds

VwVwS = Administrative Order relating to substances hazardous to water (Germany)

The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge.

No responsibility.

These statements were made by:

**Chemical Check GmbH, Wöbbeler Straße 2-4, D-32839 Steinheim, Tel.: +49 5233 94 17 0, +49 1805-CHEMICAL / +49 180 52 43 642, Fax: +49 5233 94 17 90, +49 180 50 50 455**

© by Chemical Check GmbH Gefahrstoffberatung. The copying or changing of this document is forbidden except with consent of the Chemical Check GmbH Gefahrstoffberatung.