

**Safety Data Sheet**  
according to Regulation (EC) No. 1907/2006 (REACH)  
according to Regulation (EU) No 453/2010



Article No.: G9904571      Special Cleaner for Glass and Plastic GR1N  
Print date: 04.12.2017      Revision date: 01.12.2017      EN  
Issue date: 01.12.2017      Page: 1|6

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifiers**

Article No. (manufacturer/supplier)      G9904571  
Identification of the substance or mixture:      GR1N aqueous cleaner

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Relevant identified uses**

cleaning agent

**1.3. Details of the supplier of the safety data sheet**

**supplier (manufacturer/importer/downstream user/distributor):**

CESB GmbH  
Bennostraße 2      Telefon: +49(0)30 2100522-70  
13053 Berlin      Telefax: +49(0)30 2100522-75  
Germany

**Dept. responsible for information:**

E-mail:      info@CESB.de

**1.4. Emergency telephone number**

Emergency telephone number:      UK: Tel: 111 or 0344 892 111 (NHS professionals only)  
Ireland: Members of Public: 01 809 2166. (8.00 a.m. to  
10.00 p.m. 7 days a week)  
Ireland: Healthcare Professionals: 01 809 2566 (24 hour service)

**SECTION 2: Hazards identification**

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

**Classification according to Regulation (EC) No. 1272/2008 [CLP]**

This mixture is classified as hazardous according to regulation (EC) No. 1272/2008 [CLP].

**2.2. Label elements**

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

**Hazard pictograms**

**Hazard statements:**

n.a

**Precautionary statements**

n.a.

**contains:**

n.a

**Besondere Kennzeichnung bestimmter Gemische**

EUH210      Safety data sheet available on request

**2.3. Other hazards**

**SECTION 3: Composition / information on ingredients**

**3.1. Mixtures**

**Product description / chemical characterization**

Description:      water based cleaner, pH neutral

**Hazardous ingredients:**

Classification according to Regulation (EC) No. 1272/2008 [CLP].

EC-No.

REACH No.

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CAS-No. INDEX-No.	Chemical name classification	Wt.-% Remark
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n.a.

**Additional information**

\*Full text of classification: see section 16.

**SECTION 4: First aid measures**

**4.1. Description of first aid measures:**

**General information:**

In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice.

**Following inhalation**

Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration.

**Following skin contact:**

Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners.

**After eye contact:**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

**After ingestion:**

If swallowed, rinse mouth with water (only if the person is conscious). Seek medical advice immediately. Keep victim calm. Do NOT induce vomiting..

**4.2. Most important symptoms and effects, both acute and delayed**

In all cases of doubt, or when symptoms persist, seek medical advice.

**4.3. Indication of any immediate medical attention and special treatment needed**

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

**Suitable extinguishing media:**

alcohol resistant foam, carbon dioxide, Powder, spray mist, (water)

**Extinguishing media which must not be used for safety reasons:**

strong water jet

**5.2. Special hazards arising from the substance or mixture**

Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage.

**5.3. Advice for firefighters**

Provide a conveniently located respiratory protective device. Cool closed containers that are near the source of the fire. Do not allow water used to extinguish fire to enter drains, ground or waterways. Treat runoff as hazardous.

**SECTION 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

Ventilate affected area. Do not breathe vapours. See protective measures under point 7 and 8.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

**6.3. Methods and material for containment and cleaning up**

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see chapter 13). Clean using cleansing agents. Do not use solvents.

**6.4. Reference to other sections**

Observe protective provisions (see chapter 7 and 8).

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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advices on safe handling

Avoid contact with skin, eyes and clothes. Avoid respiration of swarf. When using do not eat, drink or smoke. Personal protection equipment: refer to chapter 8. Do not empty containers with pressure - no pressure vessel! Always keep in containers that correspond to the material of the original container. Follow the legal protection and safety regulations.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSiVO). Keep container tightly closed. Do not empty containers with pressure - no pressure vessel! Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.

#### Hints on joint storage

Keep away from strongly acidic and alkaline materials as well as oxidizers.

#### Further information on storage conditions

Store in a well-ventilated and dry room at temperatures between 15 °C and 30 °C. Keep container tightly closed. Remove all sources of ignition. Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks..

### 7.3. Specific end use(s)

Observe technical data sheet. Observe instructions for use.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limit values:

n.a.

### 8.2. Exposure controls

Provide good ventilation. This can be achieved with local or room suction.

#### Occupational exposure controls

##### Respiratory protection

n.a.

##### Hand protection

For prolonged or repeated handling the following glove material must be used: not necessary

Thickness of the glove material 0,4 mm Breakthrough time (maximum wearing time) 30 min

Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin: Recommended

glove articles DIN EN 374

Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

##### Eye protection

Wear closely fitting protective glasses in case of splashes.

##### Protective clothing

Wear suitable protective clothing and gloves.

##### Protective measures

After contact clean skin thoroughly with water and soap or use appropriate cleanser.

##### Environmental exposure controls

Do not allow to enter into surface water or drains. See chapter 7. No additional measures necessary..

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Appearance:

##### Physical state

liquid

##### Colour

without

##### Odour

perfumed

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Safety relevant basis data	Unit	Method	Remark
Flash point (°C):	Not applicable		
Ignition temperature in °C:	n.a.		
Lower explosion limit:	n.a.		
Upper explosion limit:	n.a.		
Vapour pressure at 20 °C:	23,00 mbar		
Density at 20 °C:	1,00 g/cm <sup>3</sup>	DIN 51757	
Water solubility (g/L):	soluble in water		
pH at 20 °C:	7,00    1,0		
Viscosity at 20 °C:	< 12 s 4 m	DIN 51562/1	

9.2. Other information

**SECTION 10: Stability and reactivity**

10.1. Reactivity

not reactive under normal use conditions

10.2. Chemical stability

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 7.

10.3. Possibility of hazardous reactions

Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.

10.4. Conditions to avoid

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 7. Hazardous decomposition byproducts may form with exposure to high temperatures..

10.5. Incompatible materials

10.6. Hazardous decomposition products

Hazardous decomposition byproducts may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke, nitrogen oxides. none at regular use at regular use..

**SECTION 11: Toxicological information**

Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP]  
No data on preparation itself available.

11.1. Information on toxicological effects

**Acute toxicity**

Toxicological data are not available.

**skin corrosion/irritation; Serious eye damage/eye irritation**

Toxicological data are not available.

**Respiratory or skin sensitisation**

Toxicological data are not available.

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

Toxicological data are not available.

**Specific target organ toxicity**

Toxicological data are not available.

**Aspiration hazard**

Toxicological data are not available.

**Practical experience/human evidence**

Other observations:

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.

**Overall Assessment on CMR properties**

The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.

**Remark**

There is no information available on the preparation itself.

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### SECTION 12: Ecological information

**overall evaluation**

Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP] There is no information available on the preparation itself.

Do not allow to enter into surface water or drains.

**12.1. Toxicity**

No information available.

**Long-term Ecotoxicity**

Toxicological data are not available.

**12.2. Persistence and degradability**

Toxicological data are not available.

**12.3. Bioaccumulative potential**

Toxicological data are not available.

**Bioconcentration factor (BCF)**

Toxicological data are not available.

**12.4. Mobility in soil**

Toxicological data are not available.

**12.5. Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**12.6. Other adverse effects**

### SECTION 13: Disposal considerations

**13.1. Waste treatment methods**

**Appropriate disposal / Product**

**Recommendation:**

Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

**List of proposed waste codes/waste designations in accordance with EWC**

070799 wastes not otherwise specified

**packaging**

**Recommendation**

Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.

### SECTION 14: Transport information

This mixture is not classified as dangerous according to international transport regulations (ADR/RID, IMDG, ICAO/IATA).

No dangerous good in sense of this transport regulation.

**14.1. UN number**

n. a.

**14.2. UN proper shipping name**

**14.3. Transport hazard class(es)**

n.a.

**14.4. Packing group**

n.a.

**14.5. Environmental hazards**

Land transport (ADR/RID)

n.a.

**14.6. Special precautions for user**

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.

Advices on safe handling: see parts 6 - 8

**Additional information**

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**Land transport (ADR/RID)**  
tunnel restriction code

14.7. **Transport in bulk according to Annex II of MARPOL and the IBC Code**  
not applicable

## SECTION 15: Regulatory information

15.1. **Safety, health and environmental regulations/legislation specific for the substance or mixture**  
**EU legislation**

**Information according to 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline).**

VOC-value (in g/L) ISO 11890-2: 55,000

VOC-value (in g/L) ASTM D 2369: 55,000

**National regulations**

**Restrictions of occupation**

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.  
Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

**Other regulations, restrictions and prohibition regulations**

15.2. **Chemical Safety Assessment**

Chemical safety assessments for substances in this preparation were not carried out.

## SECTION 16: Other information

**Full text of classification in section 3:**

**Abbreviations and acronyms**

Not contained in the list of poisonous chemicals and precursor of the agreement governing chemical weapons (CWC)

**Additional information**

Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP]

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in chapter 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product..

## Annex

At present, data / information on exposure scenarios are not available, so that an evaluation of the preparation cannot yet be made