

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH), changed with 2015/830 / EC



## Neutralit GN2

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

Information on the product / trade name:

**Neutralit GN2**

for Surface treatment  
only for industrial use

REACH Registration Number:

A registration number for this substance is not available as the substance or its use is exempted from registration under Article 2 of REACH Regulation (EC) No 1907/2006, which does not require registration or is planned for a later date.

Information on the manufacturer / supplier:

**Kai Greising e. K. Clean Marker**  
**Industriestraße 29/2**  
**73340 Amstetten**  
**Germany**  
**phone: 0049-7331-3058-0**  
**fax: 0049-7331-981722**

Emergency phone number

**Poison emergency center Freiburg**  
**phone: 0049-761-19240**

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### SECTION 2: Hazards identification:

#### 2.1 Classification of the substance or mixture

**Classification (REGULATION (EC) No 1272/2008)**

This mixture does not meet the criteria for classification in accordance with Regulation No 1272/2008/EC.

#### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP)  
not required

Signal word not required

#### 2.3 Other hazards

During the electrochemical process, electrolyte vapors may form

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### SECTION 3: Composition/information on ingredients

#### 3.2 Mixture

**Description of the mixture**

This mixture does not meet the criteria for classification.

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### SECTION 4: First aid measures

#### 4.1 Description of first aid measures



**General notes**

Take off contaminated clothing.

**Following inhalation**

Provide fresh air.

**Following skin contact**

Rinse skin with water/shower.

**Following eye contact**

Rinse cautiously with water for several minutes.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH), changed with 2015/830 / EC



## Neutralit GN2

### Following ingestion

Rinse mouth. Call a doctor if you feel unwell.

### 4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects are not known to date

### 4.3 Indication of any immediate medical attention and special treatment needed

none

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings water spray, foam, dry extinguishing powder, carbon dioxide (CO<sub>2</sub>)

#### Unsuitable extinguishing media

For this substance/mixture no limitations of extinguishing agents are given.

### 5.2 Special hazards arising from the substance or mixture

None

Not combustible.

### 5.3 Advice for firefighters

Fight fire with normal precautions from a reasonable distance. Wear self-contained breathing apparatus.

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## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

No special measures are necessary

### 6.2 Environmental precautions

Not required.

### 6.3 Methods and materials for containment and cleaning up

#### Advices on how to contain a spill

No special measures are necessary.

#### Advices on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece).

#### Other information relating to spills and releases

Place in appropriate containers for disposal.

#### Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8.

Incompatible materials: see section 10. Disposal considerations: see section 13.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

No special measures are necessary.

Advice on general occupational hygiene

Wash hands before breaks and after work.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH), changed with 2015/830 / EC



## Neutralit GN2

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

Keep container tightly closed.

#### Incompatible substances or mixtures

Observe hints for combined storage.

#### Consideration of other advice

##### • Ventilation requirements

Use local and general ventilation.

##### • Specific designs for storage rooms or vessels

Recommended storage temperature: 15 - 25 °C

### 7.3 Specific end use(s)

No information available..

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### National limit values

Occupational exposure limit values (Workplace Exposure Limits)

Data are not available.

### 8.2 Exposure controls

#### Individual protection measures (personal protective equipment)



##### Eye/face protection

Use safety goggle with side protection.

##### Skin protection

##### • hand protection

Disposable gloves are recommended

##### • Respiratory protection

Required when vapours/aerosols are generated.

Recommended Filter type: Filter P 1 (acc. to DIN 3181) for solid particles of inert substances

The entrepreneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer. These measures have to be properly documented.

Environmental exposure controls

Keep away from drains, surface and ground water.

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

Form	liquid
Colour	blue
Odour	odourless
Odour Threshold	Not applicable

#### Other physical and chemical parameters

pH	alkaline (<11,5)
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# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH), changed with 2015/830 / EC



## Neutralit GN2

Melting point	0°C.
Boiling point	100°C
Flash point	No information available.
Evaporation rate	No information available.
Flammability (solid, gas)	No information available.
Lower explosion limit	No information available.
Upper explosion limit	No information available.
Vapour pressure	No information available.
Relative vapour density	No information available.
Density	~ 1 g/cm <sup>3</sup>
Relative density	1,0 g
Water solubility	soluble
Partition coefficient: n-octanol/water	No information available.
Auto-ignition temperature	none
Decomposition temperature	none
Viscosity, dynamic	No information available.
Explosive properties	none
Oxidizing properties	none

### 9.2 Other data

here is no additional information.

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## **SECTION 10: Stability and reactivity**

### 10.1 Reactivity

This material is not reactive under normal ambient conditions.

### 10.2 Chemical stability

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

### 10.3 Possibility of hazardous reactions

No known hazardous reactions

### 10.4 Conditions to avoid

no information available

### 10.5 Incompatible materials

There is no additional information.

### 10.6 Hazardous decomposition products

in the event of fire: See section 5.

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## **SECTION 11: Toxicological information**

### 11.1 Information on toxicological effects

#### **Acute toxicity**

Shall not be classified as acutely toxic.

#### **Skin corrosion/irritation**

Shall not be classified as corrosive/irritant to skin.

#### **Serious eye damage/eye irritation**

Shall not be classified as seriously damaging to the eye or eye irritant.

#### **Respiratory or skin sensitisation**

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH), changed with 2015/830 / EC



## Neutralit GN2

Shall not be classified as a respiratory or skin sensitiser.

### Summary of evaluation of the CMR properties

Shall not be classified as germ cell mutagenic, carcinogenic nor as a reproductive toxicant

#### • Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

#### • Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

#### • Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

### Symptoms related to the physical, chemical and toxicological characteristics

#### • If swallowed

data are not available

#### • If in eyes

Not an irritant

#### • If inhaled

essentially non-irritating

#### • If on skin

Not an irritant      Shall not be classified as a specific

### 11.2 Other information

None

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## SECTION 12: Ecological information

### 12.1 Toxicity

acc. to 1272/2008/EC: Shall not be classified as hazardous to the aquatic environment.

### 12.2 Process of degradability

The substance is readily biodegradable.

### 12.3 Bioaccumulative potential

Data are not available.

### 12.4 Mobility in soil

Data are not available

### 12.5 Results of PBT and vPvB assessment

Data are not available.

### 12.6 Other adverse effects

Non-hazardous to water.

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Consult the appropriate local waste disposal expert about waste disposal.

#### Sewage disposal-relevant information

Do not empty into drains.

### 13.2 Relevant provisions relating to waste

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

### 13.3 Remarks

Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities. Please consider the relevant national or regional provisions

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH), changed with 2015/830 / EC



## Neutralit GN2

### SECTION 14: Transport information

- 14.1 UN number (not subject to transport regulations)
- 14.2 UN proper shipping name not relevant
- 14.3 Transport hazard class(es) not relevant  
Class ---
- 14.4 Packing group not relevant
- 14.5 Environmental hazards none (non-environmentally hazardous acc. to the dangerous goods regulations)

#### 14.6 Special precautions for user

There is no additional information.

#### 14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

The cargo is not intended to be carried in bulk.

#### 14.8 Information for each of the UN Model Regulations

- **Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN)**  
Not subject to ADR, RID and ADN
- **Transport of dangerous goods by air transport ICAO-TI and IATA-DGR:**  
Not subject to IATA-DGR
- **International Maritime Dangerous Goods Code (IMDG)**  
Not subject to IMDG

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### SECTION 16: Other Information

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

##### Relevant provisions of the European Union (EU)

- **Regulation 649/2012/EU concerning the export and import of hazardous chemicals (PIC)**  
None of the ingredients are listed.
- **Regulation 1005/2009/EC on substances that deplete the ozone layer (ODS)**  
None of the ingredients are listed.
- **Regulation 850/2004/EC on persistent organic pollutants (POP)**  
None of the ingredients are listed.
- **Restrictions according to REACH, Annex XVII**  
None of the ingredients are listed.
- **List of substances subject to authorization (REACH, Annex XIV)**  
None of the ingredients are listed.

- **Limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products (2004/42/EC, Deco-Paint Directive)**

VOC content 0 %

- **Directive on industrial emissions (VOCs, 2010/75/EU)**

VOC content 0 %

- **Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) - Annex II**

None of the ingredients are listed.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH), changed with 2015/830 / EC



## Neutralit GN2

**Regulation 166/2006/EC concerning the establishment of a European Pollutant Release and Transfer Register (PRTR)**

None of the ingredients are listed.

**Directive 2000/60/EC establishing a framework for Community action in the field of water policy (WFD)**

None of the ingredients are listed.

### 15.2 Chemical Safety Assessment

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

## SECTION 16: Other information

### 16.1 Indication of changes (revised safety data sheet)

Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
2000/39/EC	Comission Directive establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC
ADN	Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)
ADR	Accord européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
CMR	Carcinogenic, Mutagenic or toxic for Reproduction
DMEL	Derived Minimal Effect Level
DNEL	Derived No-Effect Level
EC No	The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union)
EH40/2005	EH40/2005 Workplace exposure limits, Table 1: List of approved workplace exposure limits ( <a href="http://www.nationalarchives.gov.uk/doc/open-government-licence/">http://www.nationalarchives.gov.uk/doc/open-government-licence/</a> )
EmS	Emergency Schedule
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals"
IMDG	International Maritime Dangerous Goods Code
index No	the Index number is the identification code given to the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008
MARPOL	International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant)
Met. Corr.	corrosive to metals

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH), changed with 2015/830 / EC



## Neutralit GN2

PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail)
Skin Corr.	corrosive to skin
Skin Irrit.	irritant to skin
VOC	Volatile Organic Compounds
vPvB	very Persistent and very Bioaccumulative

Key literature references and sources for data

- Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU
- Regulation (EC) No. 1272/2008 (CLP, EU GHS)

List of relevant phrases (code and full text as stated in chapter 2 and 3)  
not relevant.

Training advice

Provide adequate information, instruction and training for operators.

### Disclaimer

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material. It does not represent a guarantee of any properties of the product