

## Crystal Activator

Version number: GHS 10.0  
Replaces version of: 09/30/2025 (GHS 9)

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

#### 1.1 Product identifier

|                                    |                          |
|------------------------------------|--------------------------|
| <b>Trade name</b>                  | <b>Crystal Activator</b> |
| <b>Registration number (REACH)</b> | not relevant (mixture)   |

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

|                                 |  |
|---------------------------------|--|
| <b>Relevant identified uses</b> | Primer<br>Observe technical data sheet |
| <b>Uses advised against</b>     | Observe technical data sheet           |

#### 1.3 Details of the supplier of the safety data sheet

**Baumit GmbH**  
**Wopfing 156**  
**A-2754 Waldegg**  
**Austria**

**Telephone: +43 (0)501 888 0**

**This number is only available during office hours: Mon - Thu 07:00 AM - 05:00 PM**  
**Fri 07:00 AM - 12:00 PM**

**e-mail: office@baumit.com**

**e-mail (competent person) office@baumit.com**

#### 1.4 Emergency telephone number

| <b>Poison centre</b> |   |                         |                     |
|----------------------|---|-------------------------|---------------------|
| <b>Country</b>       | <b>Name</b>   | <b>Postal code/city</b> | <b>Telephone</b>    |
| Austria              | Vergiftungsinformationszentrale an der<br>1. Medizinischen Universitätsklinik<br>24h Notruf Mo-So | 1090 Wien               | +43 (0)1 4064 343-0 |

## Crystal Activator

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification according to Regulation (EC) No 1272/2008 (CLP)

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)

- Signal word not required

- Pictograms not required

##### - Precautionary statements

- P101** If medical advice is needed, have product container or label at hand.  
**P102** Keep out of reach of children.  
**P103** Read carefully and follow all instructions.  
**P260** Do not breathe spray.  
**P280** Wear protective gloves/protective clothing.  
**P501** Dispose of contents/container in accordance with local/regional/national/international regulations.

##### - Supplemental hazard information

EUH210 Safety data sheet available on request.

#### 2.3 Other hazards

##### Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of  $\geq 0,1\%$ .

##### Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of  $\geq 0,1\%$ .


### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Not relevant (mixture).

#### 3.2 Mixtures

##### Description of the mixture:

| Name of substance | Identifier  | Wt%      | Classification acc. to GHS                                      | Pictograms  |
|-------------------|---|----------|---|---|
| Natriumsilikat    | CAS No<br>1344-09-8<br><br>EC No<br>215-687-4<br><br>REACH Reg. No<br>01-2119448725-<br>31-0016 | 5 - < 10 | Skin Irrit. 2 / H315<br>Eye Irrit. 2 / H319<br>STOT SE 3 / H335 |  |

#### Remarks

For full text of abbreviations: see SECTION 16

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### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

##### Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

##### Following skin contact

Wash with plenty of soap and water.

##### Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

##### Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

#### 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

Water spray, Alcohol resistant foam, BC-powder, Carbon dioxide (CO<sub>2</sub>)

##### Unsuitable extinguishing media

Water jet

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

##### Hazardous combustion products

Nitrogen oxides (NO<sub>x</sub>)

#### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes, Co-ordinate firefighting measures to the fire surroundings, Do not allow firefighting water to enter drains or water courses, Collect contaminated firefighting water separately, Fight fire with normal precautions from a reasonable distance

### SECTION 6: Accidental release measures

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

##### For non-emergency personnel

Remove persons to safety.

##### For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases.

#### 6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

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

##### Advice on how to contain a spill

Covering of drains

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

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: Sawdust, Kieselgur (diatomite), Sand, Universal binder

##### Appropriate containment techniques

Use of adsorbent materials.

##### Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

#### 6.4 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.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

##### Recommendations

##### Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Use only in well-ventilated areas.

##### - Advice on general occupational hygiene

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Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

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

#### Control of effects

**Protect against external exposure, such as**  
frost

### 7.3 Specific end use(s)

See section 16 for a general overview.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

| Occupational exposure limit values (Workplace Exposure Limits) |  |            |            |           |                          |            |                           |                 |                                |          |        |
|--|--|------------|------------|-----------|--------------------------|------------|---------------------------|-----------------|--------------------------------|----------|--------|
| Country  | Name of agent  | CAS No     | Identifier | TWA [ppm] | TWA [mg/m <sup>3</sup> ] | STEL [ppm] | STEL [mg/m <sup>3</sup> ] | Ceiling-C [ppm] | Ceiling-C [mg/m <sup>3</sup> ] | Notation | Source |
| AT   | titanium dioxide   | 13463-67-7 | MAK        |           | 5                        |            |                           | 10 (60 min)     |                                | r, dust  | GKV    |
| AT   | reaction mass of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) | 55965-84-9 | MAK        |           | 0.05                     |            |                           |                 |                                |          | GKV    |

#### Notation

Ceiling-C ceiling value is a limit value above which exposure should not occur  
dust as dust  
r respirable fraction  
STEL short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)  
TWA time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)

### 8.2 Exposure controls

#### Appropriate engineering controls

General ventilation.

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

##### Eye/face protection

Wear eye/face protection.

##### Eye/face protection



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### **Wear eye/face protection.**

### **Skin protection**

#### **- Hand protection**

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

#### **- Other protection measures**

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

### **Respiratory protection**

In case of inadequate ventilation wear respiratory protection.

### **Environmental exposure controls**

Use appropriate container to avoid environmental contamination. 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

|   |                 |
|---|-----------------|
| <b>Physical state</b>   | liquid          |
| <b>Colour</b>   | white           |
| <b>Odour</b>  | characteristic  |
| <b>Melting point/freezing point</b>                             | not determined  |
| <b>Boiling point or initial boiling point and boiling range</b> | 100 °C          |
| <b>Flammability</b>   | non-combustible |
| <b>Lower and upper explosion limit</b>                          | not determined  |
| <b>Flash point</b>  | not determined  |
| <b>Auto-ignition temperature</b>                                | not determined  |
| <b>Decomposition temperature</b>                                | not relevant    |
| <b>pH (value)</b>   | 11              |
| <b>Kinematic viscosity</b>                                      | not determined  |

#### Solubility(ies)

|                         |                            |
|-------------------------|----------------------------|
| <b>Water solubility</b> | miscible in any proportion |
|-------------------------|----------------------------|

#### Partition coefficient

|  |                                   |
|--|-----------------------------------|
| <b>Partition coefficient n-octanol/water (log value)</b> | this information is not available |
|--|-----------------------------------|

|                        |                 |
|------------------------|-----------------|
| <b>Vapour pressure</b> | 32 hPa at 25 °C |
|------------------------|-----------------|

#### Density and/or relative density

|                                |   |
|--------------------------------|---|
| <b>Density</b>                 | 1,300 g/l                                     |
| <b>Relative vapour density</b> | information on this property is not available |

|                                 |                       |
|---------------------------------|-----------------------|
| <b>Particle characteristics</b> | not relevant (liquid) |
|---------------------------------|-----------------------|

#### 9.2 Other information

|   |  |
|---|--|
| <b>Information with regard to physical hazard classes</b> | hazard classes acc. to GHS (physical hazards):<br>not relevant |
|---|--|

#### Other safety characteristics

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|                    |                                 |
|--------------------|---------------------------------|
| <b>Miscibility</b> | Completely miscible with water. |
|--------------------|---------------------------------|

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

#### 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

There are no specific conditions known which have to be avoided.

#### 10.5 Incompatible materials

There is no additional information.

#### 10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

### SECTION 11: Toxicological information

#### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Test data are not available for the complete mixture.

##### Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

##### Classification according to GHS (1272/2008/EC, CLP)

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

##### 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

Shall not be classified as a respiratory or skin sensitiser.

##### Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

##### Carcinogenicity

Shall not be classified as carcinogenic.

##### Reproductive toxicity

Shall not be classified as a reproductive toxicant.

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

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

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### **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.

### **11.2 Information on other hazards**

There is no additional information.

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### SECTION 12: Ecological information

#### 12.1 Toxicity

Shall not be classified as hazardous to the aquatic environment.

#### 12.2 Persistence and degradability

Data are not available.

#### 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

Does not contain a PBT-/vPvB-substance at a concentration of  $\geq 0,1\%$ .

#### 12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of  $\geq 0,1\%$ .

#### 12.7 Other adverse effects

Data are not available.

### SECTION 13: Disposal considerations

#### 13.1 - Waste treatment methods

##### Waste codes/waste designations according to LoW

15 01 02: Plastic packaging

08 01 12: Waste paint and varnish other than those mentioned in 08 01 11

##### Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

##### Waste treatment of containers/packagings

It is a dangerous waste; only packagings which are approved (e.g. acc. to ADR) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

##### Remarks

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

### SECTION 14: Transport information

- |  |   |
|--|---|
| 14.1 UN number or ID number                                  | not subject to transport regulations                                  |
| 14.2 UN proper shipping name                                 | not relevant  |
| 14.3 Transport hazard class(es)                              | none  |
| 14.4 Packing group   | not assigned  |
| 14.5 Environmental hazards                                   | non-environmentally hazardous acc. to the dangerous goods regulations |
| 14.6 Special precautions for user                            | There is no additional information.                                   |
| 14.7 Maritime transport in bulk according to IMO instruments |   |

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The cargo is not intended to be carried in bulk.

### Information for each of the UN Model Regulations

#### **Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN) - Additional information**

Not subject to ADR, RID and ADN.

#### **International Maritime Dangerous Goods Code (IMDG) - Additional information**

Not subject to IMDG.

#### **International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information**

Not subject to ICAO-IATA.

## SECTION 15: Regulatory information

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

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

#### Restrictions according to REACH, Annex XVII

| Dangerous substances with restrictions (REACH, Annex XVII) |   |        |       |                             |         |             |    |
|--|---|--------|-------|-----------------------------|---------|-------------|----|
| Name of substance  | Name acc. to inventory                          | CAS No | EC No | Type of registration        | Remarks | Restriction | No |
| Natriumsilikat   | substances in tattoo inks and permanent make-up |        |       | 2020/2081/E<br>C annex XVII |         | R75         | 75 |

#### Legend

- R75
1. Shall not be placed on the market in mixtures for use for tattooing purposes, and mixtures containing any such substances shall not be used for tattooing purposes, after 4 January 2022 if the substance or substances in question is or are present in the following circumstances:
    - (a) in the case of a substance classified in Part 3 of Annex VI to Regulation (EC) No 1272/2008 as carcinogen category 1A, 1B or 2, or germ cell mutagen category 1A, 1B or 2, the substance is present in the mixture in a concentration equal to or greater than 0,00005 % by weight;
    - (b) in the case of a substance classified in Part 3 of Annex VI to Regulation (EC) No 1272/2008 as reproductive toxicant category 1A, 1B or 2, the substance is present in the mixture in a concentration equal to or greater than 0,001 % by weight;
    - (c) in the case of a substance classified in Part 3 of Annex VI to Regulation (EC) No 1272/2008 as skin sensitiser category 1, 1A or 1B, the substance is present in the mixture in a concentration equal to or greater than 0,001 % by weight;
    - (d) in the case of a substance classified in Part 3 of Annex VI to Regulation (EC) No 1272/2008 as skin corrosive category 1, 1A, 1B or 1C or skin irritant category 2, or as serious eye damage category 1 or eye irritant category 2, the substance is present in the mixture in a concentration equal to or greater than:
      - (i) 0,1 % by weight, if the substance is used solely as a pH regulator;
      - (ii) 0,01 % by weight, in all other cases;
    - (e) in the case of a substance listed in Annex II to Regulation (EC) No 1223/2009 (\*1), the substance is present in the mixture in a concentration equal to or greater than 0,00005 % by weight;
    - (f) in the case of a substance for which a condition of one or more of the following kinds is specified in column g (Product type, Body parts) of the table in Annex IV to Regulation (EC) No 1223/2009, the substance is present in the mixture in a concentration equal to or greater than 0,00005 % by weight:
      - (i) "Rinse-off products";
      - (ii) "Not to be used in products applied on mucous membranes";
      - (iii) "Not to be used in eye products";
    - (g) in the case of a substance for which a condition is specified in column h (Maximum concentration in ready for use preparation) or column i (Other) of the table in Annex IV to Regulation (EC) No 1223/2009, the substance is present in the mixture in a concentration, or in some other way, that does not accord with the condition specified in that column;
    - (h) in the case of a substance listed in Appendix 13 to this Annex, the substance is present in the mixture in a concentration equal to or greater than the concentration limit specified for that substance in that Appendix.
  2. For the purposes of this entry use of a mixture "for tattooing purposes" means injection or introduction of the mixture into a person's skin, mucous membrane or eyeball, by any process or procedure (including procedures commonly referred to as permanent make-up, cosmetic tattooing, micro-blading and micro-pigmentation), with the aim of making a mark or design on his or her body.
  3. If a substance not listed in Appendix 13 falls within more than one of points (a) to (g) of paragraph 1, the strictest concentration limit laid down in the points in question shall apply to that substance. If a substance listed in Appendix 13 also falls within one or more of points (a) to (g) of paragraph 1, the concentration limit laid down in point (h) of paragraph 1 shall apply to that substance.
  4. By way of derogation, paragraph 1 shall not apply to the following substances until 4 January 2023:

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### Legend

- (a) Pigment Blue 15:3 (CI 74160, EC No 205-685-1, CAS No 147-14-8);  
(b) Pigment Green 7 (CI 74260, EC No 215-524-7, CAS No 1328-53-6).  
5. If Part 3 of Annex VI to Regulation (EC) No 1272/2008 is amended after 4 January 2021 to classify or re-classify a substance such that the substance then becomes caught by point (a), (b), (c) or (d) of paragraph 1 of this entry, or such that it then falls within a different one of those points from the one within which it fell previously, and the date of application of that new or revised classification is after the date referred to in paragraph 1 or, as the case may be, paragraph 4 of this entry, that amendment shall, for the purposes of applying this entry to that substance, be treated as taking effect on the date of application of that new or revised classification.  
6. If Annex II or Annex IV to Regulation (EC) No 1223/2009 is amended after 4 January 2021 to list or change the listing of a substance such that the substance then becomes caught by point (e), (f) or (g) of paragraph 1 of this entry, or such that it then falls within a different one of those points from the one within which it fell previously, and the amendment takes effect after the date referred to in paragraph 1 or, as the case may be, paragraph 4 of this entry, that amendment shall, for the purposes of applying this entry to that substance, be treated as taking effect from the date falling 18 months after entry into force of the act by which that amendment was made.  
7. Suppliers placing a mixture on the market for use for tattooing purposes shall ensure that, after 4 January 2022, the mixture is marked with the following information:  
(a) the statement "Mixture for use in tattoos or permanent make-up";  
(b) a reference number to uniquely identify the batch;  
(c) the list of ingredients in accordance with the nomenclature established in the glossary of common ingredient names pursuant to Article 33 of Regulation (EC) No 1223/2009, or in the absence of a common ingredient name, the IUPAC name. In the absence of a common ingredient name or IUPAC name, the CAS and EC number. Ingredients shall be listed in descending order by weight or volume of the ingredients at the time of formulation. "Ingredient" means any substance added during the process of formulation and present in the mixture for use for tattooing purposes. Impurities shall not be regarded as ingredients. If the name of a substance, used as ingredient within the meaning of this entry, is already required to be stated on the label in accordance with Regulation (EC) No 1272/2008, that ingredient does not need to be marked in accordance with this Regulation;  
(d) the additional statement "pH regulator" for substances falling under point (d)(i) of paragraph 1;  
(e) the statement "Contains nickel. Can cause allergic reactions." if the mixture contains nickel below the concentration limit specified in Appendix 13;  
(f) the statement "Contains chromium (VI). Can cause allergic reactions." if the mixture contains chromium (VI) below the concentration limit specified in Appendix 13;  
(g) safety instructions for use insofar as they are not already required to be stated on the label by Regulation (EC) No 1272/2008.  
The information shall be clearly visible, easily legible and marked in a way that is indelible.  
The information shall be written in the official language(s) of the Member State(s) where the mixture is placed on the market, unless the Member State(s) concerned provide(s) otherwise.  
Where necessary because of the size of the package, the information listed in the first subparagraph, except for point (a), shall be included instead in the instructions for use.  
Before using a mixture for tattooing purposes, the person using the mixture shall provide the person undergoing the procedure with the information marked on the package or included in the instructions for use pursuant to this paragraph.  
8. Mixtures that do not contain the statement "Mixture for use in tattoos or permanent make-up" shall not be used for tattooing purposes.  
9. This entry does not apply to substances that are gases at temperature of 20 °C and pressure of 101,3 kPa, or generate a vapour pressure of more than 300 kPa at temperature of 50 °C, with the exception of formaldehyde (CAS No 50-00-0, EC No 200-001-8).  
10. This entry does not apply to the placing on the market of a mixture for use for tattooing purposes, or to the use of a mixture for tattooing purposes, when placed on the market exclusively as a medical device or an accessory to a medical device, within the meaning of Regulation (EU) 2017/745, or when used exclusively as a medical device or an accessory to a medical device, within the same meaning. Where the placing on the market or use may not be exclusively as a medical device or an accessory to a medical device, the requirements of Regulation (EU) 2017/745 and of this Regulation shall apply cumulatively.

### List of substances subject to authorisation (REACH, Annex XIV) / SVHC - candidate list

none of the ingredients are listed

### Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)

none of the ingredients are listed

### Regulation concerning the establishment of a European Pollutant Release and Transfer Register (PRTR)

none of the ingredients are listed

### Water Framework Directive (WFD)

| List of pollutants (WFD)  |        |           |         |
|---------------------------|--------|-----------|---------|
| Name of substance         | CAS No | Listed in | Remarks |
| Silicic acid, sodium salt |        | a)        |         |

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Legend

a) Indicative list of the main pollutants

**Regulation on the marketing and use of explosives precursors**

Not relevant.

**Regulation on persistent organic pollutants (POP)**

none of the ingredients are listed

**National regulations (Austria)**

**Ordinance on combustible liquids (VbF)** not assigned

**15.2 Chemical safety assessment**

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

**SECTION 16: Other information**

**Indication of changes (revised safety data sheet)**

| Section | Former entry (text/value)   | Actual entry (text/value)   | Safety-relevant |
|---------|---|---|-----------------|
| 1.1     | Unique formula identifier (UFI):<br>UFI: 5M28-W696-4001-89JV<br>as indicated on the label   |   | yes             |
| 1.2     | Uses advised against:<br>Do not use for products which come in-<br>to direct contact with the skin.   |   | yes             |
| 2.1     | Classification according to Regulation<br>(EC) No 1272/2008 (CLP)   | Classification according to Regulation<br>(EC) No 1272/2008 (CLP):<br>This mixture does not meet the criteria<br>for classification in accordance with<br>Regulation No 1272/2008/EC. | yes             |
| 2.1     |   | Classification according to Regulation<br>(EC) No 1272/2008 (CLP):<br>change in the listing (table)   | yes             |
| 2.1     | The most important adverse physico-<br>chemical, human health and environ-<br>mental effects:<br>Skin corrosion produces an irreversible<br>damage to the skin; namely, visible nec-<br>rosis through the epidermis and into<br>the dermis. |   | yes             |
| 2.2     | - Signal word:<br>danger  | - Signal word:<br>not required  | yes             |
| 2.2     | - Pictograms  | - Pictograms:<br>not required   | yes             |
| 2.2     |   | - Pictograms:<br>change in the listing (table)  | yes             |
| 2.2     |   | - Hazard statements:<br>change in the listing (table)   | yes             |

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



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|---------|--|---|-----------------|
| 2.2     |  | - Precautionary statements:<br>change in the listing (table)  | yes             |
| 3.2     |  | Description of the mixture::<br>change in the listing (table)   | yes             |
| 3.2     |  | Description of the mixture::<br>change in the listing (table)   | yes             |
| 4.1     | Following inhalation:<br>If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician. Provide fresh air. | Following inhalation:<br>If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.                | yes             |
| 7.1     | - Handling of incompatible substances or mixtures:<br>Do not mix with acids.   |   | yes             |
| 8.1     |  | Occupational exposure limit values (Workplace Exposure Limits):<br>change in the listing (table)  | yes             |
| 9.1     | pH (value):<br>12 (base)   | pH (value):<br>11   | yes             |
| 10.2    | Chemical stability:<br>See below "Conditions to avoid".  | Chemical stability:<br>The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.                   | yes             |
| 10.5    | Release of flammable materials with:<br>Light metals (due to the release of hydrogen in an acid/alkaline medium)   |   | yes             |
| 11.1    | Classification according to GHS (1272/2008/EC, CLP)  | Classification according to GHS (1272/2008/EC, CLP):<br>This mixture does not meet the criteria for classification in accordance with Regulation No 1272/2008/EC. | yes             |
| 11.1    |  | Acute toxicity estimate (ATE) of components:<br>change in the listing (table)   | yes             |
| 11.1    | Skin corrosion/irritation:<br>Causes severe skin burns and eye damage.   | Skin corrosion/irritation:<br>Shall not be classified as corrosive/irritant to skin.  | yes             |
| 11.1    | Serious eye damage/eye irritation:<br>Causes serious eye damage.   | Serious eye damage/eye irritation:<br>Shall not be classified as seriously damaging to the eye or eye irritant.   | yes             |
| 13.1    | Waste treatment of containers/packagings:<br>Completely emptied packages can be  | Waste treatment of containers/packagings:<br>It is a dangerous waste; only pack-  | yes             |

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



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## Crystal Activator

Version number: GHS 10.0  
Replaces version of: 09/30/2025 (GHS 9)

Revision  
11/13/2025

| Section | Former entry (text/value)   | Actual entry (text/value)  | Safety-relevant |
|---------|---|--|-----------------|
|         | recycled. Handle contaminated packages in the same way as the substance itself. | agings which are approved (e.g. acc. to ADR) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself. |                 |
| 15.1    |   | Dangerous substances with restrictions (REACH, Annex XVII):<br>change in the listing (table)   | yes             |
| 16      |   | Abbreviations and acronyms:<br>change in the listing (table)   | yes             |
| 16      |   | List of relevant phrases (code and full text as stated in section 2 and 3):<br>change in the listing (table)   | yes             |

### Abbreviations and acronyms

| Abbr.      | Descriptions of used abbreviations  |
|------------|---|
| 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 relatif au transport international des marchandises dangereuses par route (Agreement concerning the International Carriage of Dangerous Goods by Road)   |
| CAS        | Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)  |
| Ceiling-C  | Ceiling value   |
| CLP        | Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures  |
| DGR        | Dangerous Goods Regulations (see IATA/DGR)  |
| 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)                                     |
| ED         | Endocrine disruptor   |
| EINECS     | European Inventory of Existing Commercial Chemical Substances   |
| ELINCS     | European List of Notified Chemical Substances   |
| Eye Dam.   | Seriously damaging to the eye   |
| Eye Irrit. | Irritant to the eye   |
| GHS        | "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations   |
| GKV        | Grenzwerteverordnung  |
| IATA       | International Air Transport Association   |
| IATA/DGR   | Dangerous Goods Regulations (DGR) for the air transport (IATA)  |

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## Crystal Activator

Version number: GHS 10.0  
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| Abbr.       | Descriptions of used abbreviations  |
|-------------|---|
| ICAO        | International Civil Aviation Organization   |
| 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  |
| LoW         | List of Wastes  |
| NLP         | No-Longer Polymer   |
| PBT         | Persistent, Bioaccumulative and Toxic   |
| ppm         | Parts per million   |
| 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  |
| STEL        | Short-term exposure limit   |
| STOT SE     | Specific target organ toxicity - single exposure  |
| SVHC        | Substance of Very High Concern  |
| TWA         | Time-weighted average   |
| vPvB        | Very Persistent and very Bioaccumulative  |

### Key literature references and sources for data

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures. Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU.

Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

### Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

### List of relevant phrases (code and full text as stated in section 2 and 3)

| Code | Text                              |
|------|-----------------------------------|
| H315 | Causes skin irritation.           |
| H319 | Causes serious eye irritation.    |
| H335 | May cause respiratory irritation. |

### Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.