

**TASKI Jontec Terranova W F9f**

Revision: 2025-12-01

Version: 02.0

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

**1.1 Product identifier**

**Trade name:** TASKI Jontec Terranova W F9f

UFI: 3F3M-T1GX-J00A-N9A4

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

**Product use:** Floor polish/impregnating agent.  
For professional use only.  
**Uses advised against:** Uses other than those identified are not recommended.

**SWED - Sector-specific worker exposure description :**

AISE\_SWED\_PW\_4\_1  
AISE\_SWED\_PW\_11\_1

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

Diversey Europe Operations BV, De Corridor 4, 3621ZB Breukelen [Maarssenbroeksedijk 2, 3542DN Utrecht], The Netherlands

**Contact details**

Diversey Deutschland GmbH & Co. oHG  
Mallaustr. 50-56, D-68219 Mannheim, Tel: 0621 - 8757-0  
Auskunftgebender Bereich: Abteilung Verbraucherschutz, Produktsicherheit und Regulatory, Tel: 0621 - 87 57-0  
E-mail: vpr.de@solenis.com

**1.4 Emergency telephone number**

Seek medical advice (show the label or safety data sheet where possible)  
24h Notfallouskunft: Für medizinische Auskünfte:  
Giftnotruf Berlin Tel: 030 - 306 867 00  
Für technische Auskünfte bei Produkthavarien:  
24h Notfallouskunft der BASF Werksfeuerwehr,  
Tel: 0621- 60 4 33 33

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

Acute toxicity - Oral, Category 4 (H302)  
Serious eye damage, Category 1 (H318)  
Corrosive to metals, Category 1 (H290)

**2.2 Label elements**



**Signal word:** Danger.

Contains magnesium hexafluorosilicate (Magnesium Fluorosilicate)

**Hazard statements:**

H290 - May be corrosive to metals.  
H302 - Harmful if swallowed.  
H318 - Causes serious eye damage.

**Precautionary statements:**

P280 - Wear eye or face protection.  
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 - Immediately call a POISON CENTRE, doctor or physician.

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**2.3 Other hazards**

Do not rinse packaging before disposal.

**SECTION 3: Composition/information on ingredients****3.2 Mixtures**

| Ingredient(s)                | EC number | CAS number | REACH number         | Classification                                                                                                                                                                     | Notes | Weight percent |
|------------------------------|-----------|------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------|
| magnesium hexafluorosilicate | 241-022-2 | -          | 01-211998003<br>1-47 | Acute toxicity - Oral, Category 3 (H301)<br>Acute toxicity - Inhalation, Category 4 (H332)<br>Serious eye damage, Category 1 (H318)<br>Chronic aquatic toxicity, Category 3 (H412) |       | 3-10           |

Workplace exposure limit(s), if available, are listed in subsection 8.1.

ATE, if available, are listed in section 11.

[4] Exempted: polymer. See Article 2(9) of Regulation (EC) No 1907/2006.

For the full text of the H and EUH phrases mentioned in this Section, see Section 16..

**SECTION 4: First aid measures****4.1 Description of first aid measures****General Information:**

Symptoms of intoxication may even occur after several hours. It is recommended to continue medical observation for at least 48 hours after the incident.

**Inhalation:**

Get medical attention or advice if you feel unwell.

**Skin contact:**

Wash skin with plenty of lukewarm, gently flowing water. Call a POISON CENTRE, doctor or physician if you feel unwell.

**Eye contact:**

Hold eyelids apart and flush eyes with plenty of lukewarm water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE, doctor or physician.

**Ingestion:**

Rinse mouth. Immediately drink 1 glass of water. Never give anything by mouth to an unconscious person. Call a POISON CENTRE, doctor or physician. Get medical attention or advice if you feel unwell.

**Self-protection of first aider:**

Consider personal protective equipment as indicated in subsection 8.2.

**4.2 Most important symptoms and effects, both acute and delayed****Inhalation:**

No known effects or symptoms in normal use.

**Skin contact:**

No known effects or symptoms in normal use.

**Eye contact:**

Causes severe or permanent damage.

**Ingestion:**

No known effects or symptoms in normal use.

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

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

**SECTION 5: Firefighting measures****5.1 Extinguishing media**

Carbon dioxide. Dry powder. Water spray jet. Fight larger fires with water spray jet or alcohol-resistant foam.

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

No special hazards known.

**5.3 Advice for firefighters**

As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Wear eye/face protection.

**6.2 Environmental precautions**

Dilute with plenty of water. Do not allow to enter drainage system, surface or ground water.

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

Dyke to collect large liquid spills. Absorb with liquid-binding material (sand, diatomite, universal binders). Do not place spilled materials back into the original container. Collect in closed and suitable containers for disposal.

**6.4 Reference to other sections**

For personal protective equipment see subsection 8.2. For disposal considerations see section 13.

**SECTION 7: Handling and storage****7.1 Precautions for safe handling****Measures to prevent fire and explosions:**

No special precautions required.

**Measures required to protect the environment:**

For environmental exposure controls see subsection 8.2.

**Advice on general occupational hygiene:**

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not mix with other products unless advised by Diversey. Wash face, hands and any exposed skin thoroughly after handling. Avoid contact with eyes. Do not breathe spray. Do not eat, drink or smoke when using this product. Use only with adequate ventilation. See chapter 8.2, Exposure controls / Personal protection.

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

Store in accordance with local and national regulations. Store in a closed container. Keep only in original packaging. For conditions to avoid see subsection 10.4. For incompatible materials see subsection 10.5.

**7.3 Specific end use(s)**

No specific advice for end use available.

**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Workplace exposure limits**

Air limit values, if available:

| Ingredient(s)                | Long term value(s)  | Short term value(s) |
|------------------------------|---------------------|---------------------|
| magnesium hexafluorosilicate | 1 mg/m <sup>3</sup> |                     |

Biological limit values, if available:

**Recommended monitoring procedures, if available:****Additional exposure limits under the conditions of use, if available:****DNEL/DMEL and PNEC values****Human exposure**

DNEL/DMEL oral exposure - Consumer (mg/kg bw)

| Ingredient(s)                | Short term - Local effects | Short term - Systemic effects | Long term - Local effects | Long term - Systemic effects |
|------------------------------|----------------------------|-------------------------------|---------------------------|------------------------------|
| magnesium hexafluorosilicate | No data available          | No data available             | No data available         | No data available            |

DNEL/DMEL dermal exposure - Worker

| Ingredient(s)                | Short term - Local effects | Short term - Systemic effects (mg/kg bw) | Long term - Local effects | Long term - Systemic effects (mg/kg bw) |
|------------------------------|----------------------------|------------------------------------------|---------------------------|-----------------------------------------|
| magnesium hexafluorosilicate | No data available          | No data available                        | No data available         | No data available                       |

DNEL/DMEL dermal exposure - Consumer

| Ingredient(s)                | Short term - Local effects | Short term - Systemic effects (mg/kg bw) | Long term - Local effects | Long term - Systemic effects (mg/kg bw) |
|------------------------------|----------------------------|------------------------------------------|---------------------------|-----------------------------------------|
| magnesium hexafluorosilicate | No data available          | No data available                        | No data available         | No data available                       |

DNEL/DMEL inhalatory exposure - Worker (mg/m<sup>3</sup>)

| Ingredient(s)                | Short term - Local effects | Short term - Systemic effects | Long term - Local effects | Long term - Systemic effects |
|------------------------------|----------------------------|-------------------------------|---------------------------|------------------------------|
| magnesium hexafluorosilicate | No data available          | No data available             | No data available         | No data available            |

DNEL/DMEL inhalatory exposure - Consumer (mg/m<sup>3</sup>)

| Ingredient(s)                | Short term - Local effects | Short term - Systemic effects | Long term - Local effects | Long term - Systemic effects |
|------------------------------|----------------------------|-------------------------------|---------------------------|------------------------------|
| magnesium hexafluorosilicate | No data available          | No data available             | No data available         | No data available            |

**Environmental exposure**

Environmental exposure - PNEC

| Ingredient(s) | Surface water, fresh (mg/l) | Surface water, marine (mg/l) | Intermittent (mg/l) | Sewage treatment plant (mg/l) |
|---------------|-----------------------------|------------------------------|---------------------|-------------------------------|
|               |                             |                              |                     |                               |

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|                              |                   |                   |                   |                   |
|------------------------------|-------------------|-------------------|-------------------|-------------------|
| magnesium hexafluorosilicate | No data available | No data available | No data available | No data available |
|------------------------------|-------------------|-------------------|-------------------|-------------------|

Environmental exposure - PNEC, continued

| Ingredient(s)                | Sediment, freshwater (mg/kg) | Sediment, marine (mg/kg) | Soil (mg/kg)      | Air (mg/m³)       |
|------------------------------|------------------------------|--------------------------|-------------------|-------------------|
| magnesium hexafluorosilicate | No data available            | No data available        | No data available | No data available |

## 8.2 Exposure controls

The following information applies for the uses indicated in subsection 1.2 of the Safety Data Sheet.  
If available, please refer to the product information sheet for application and handling instructions.  
Normal use conditions are assumed for this section.

Recommended safety measures for handling the undiluted product:

**Appropriate engineering controls:** Provide a good standard of general ventilation.  
**Appropriate organisational controls:** Avoid direct contact and/or splashes where possible. Train personnel. Users are advised to consider national Occupational Exposure Limits or other equivalent values, if available.

## REACH use scenarios considered for the undiluted product:

|                                             | SWED - Sector-specific worker exposure description | LCS | PROC    | Duration (min) | ERC   |
|---------------------------------------------|----------------------------------------------------|-----|---------|----------------|-------|
| Spray application                           | AISE_SWED_PW_11_1                                  | PW  | PROC 11 | 60             | ERC8a |
| Automatic application in a dedicated system | AISE_SWED_PW_4_1                                   | PW  | PROC 4  | 480            | ERC8a |

## Personal protective equipment

**Eye / face protection:** Safety glasses or goggles (EN 16321).  
**Hand protection:** No special requirements under normal use conditions.  
**Body protection:** No special requirements under normal use conditions.  
**Respiratory protection:** Respiratory protection is not normally required. However, inhalation of vapour, spray, gas or aerosols should be avoided. Trigger spray bottle application: No special requirements under normal use conditions. Apply technical measures to comply with the occupational exposure limits, if available.

**Environmental exposure controls:** Should not reach sewage water or drainage ditch undiluted or unneutralised.

## SECTION 9: Physical and chemical properties

## 9.1 Information on basic physical and chemical properties

Information in this section refers to the product, unless it is specifically stated that substance data is listed

## Method / remark

**Physical state:** Liquid  
**Colour:** Milky , White  
**Odour:** Odourless  
**Odour threshold:** Not applicable  
**Melting point/freezing point (°C):** Not determined  
**Initial boiling point and boiling range (°C):** Not determined

Not relevant to classification of this product  
See substance data

Substance data, boiling point

| Ingredient(s)                | Value (°C)        | Method | Atmospheric pressure (hPa) |
|------------------------------|-------------------|--------|----------------------------|
| magnesium hexafluorosilicate | No data available |        |                            |

## Method / remark

**Flammability (solid, gas):** Not applicable to liquids  
**Flammability (liquid):** Not flammable.  
**Flash point (°C):** Not determined  
**Sustained combustion:** Not applicable.  
( UN Manual of Tests and Criteria, section 32, L.2 )  
**Lower and upper explosion limit/flammability limit (%):** Not determined

Substance data, flammability or explosive limits, if available:

## Method / remark

**Autoignition temperature:** Not determined  
**Decomposition temperature:** Not applicable.  
**pH:** > 2 (neat)  
**Kinematic viscosity:** Not determined  
**Solubility in / Miscibility with water:** Fully miscible

ISO 4316

Substance data, solubility in water

| Ingredient(s)                | Value (g/l)       | Method | Temperature (°C) |
|------------------------------|-------------------|--------|------------------|
| magnesium hexafluorosilicate | No data available |        |                  |

Substance data, partition coefficient n-octanol/water (log Kow): see subsection 12.3

**Vapour pressure:** Not determined**Method / remark**

See substance data

Substance data, vapour pressure

| Ingredient(s)                | Value (Pa)        | Method | Temperature (°C) |
|------------------------------|-------------------|--------|------------------|
| magnesium hexafluorosilicate | No data available |        |                  |

**Relative density:**  $\approx 1.10$  (20 °C)**Relative vapour density:** No data available.**Particle characteristics:** No data available.**Method / remark**

OECD 109 (EU A.3)

Not relevant to classification of this product

Not applicable to liquids.

**9.2 Other information****9.2.1 Information with regard to physical hazard classes****Explosive properties:** Not explosive.**Oxidising properties:** Not oxidising.**Corrosion to metals:** Corrosive**9.2.2 Other safety characteristics**

No other relevant information available.

**SECTION 10: Stability and reactivity****10.1 Reactivity**

No reactivity hazards known under normal storage and use conditions.

**10.2 Chemical stability**

Stable under normal storage and use conditions.

**10.3 Possibility of hazardous reactions**

No hazardous reactions known under normal storage and use conditions.

**10.4 Conditions to avoid**

None known under normal storage and use conditions.

**10.5 Incompatible materials**

May be corrosive to metals.

**10.6 Hazardous decomposition products**

None known under normal storage and use conditions.

**SECTION 11: Toxicological information****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**Mixture data: .**Relevant calculated ATE(s):**

ATE - Oral (mg/kg): 2000

ATE - Inhalatory, mists (mg/l): &gt;5

Substance data, where relevant and available, are listed below:.**Acute toxicity**

Acute oral toxicity

| Ingredient(s)                | Endpoint         | Value (mg/kg) | Species | Method                 | Exposure time (h) | ATE Oral (mg/kg) |
|------------------------------|------------------|---------------|---------|------------------------|-------------------|------------------|
| magnesium hexafluorosilicate | LD <sub>50</sub> | 291           | Rat     | OECD 423 (EU B.1 tris) |                   | 177              |

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## Acute dermal toxicity

| Ingredient(s)                | Endpoint | Value (mg/kg)     | Species | Method | Exposure time (h) | ATE Dermal (mg/kg) |
|------------------------------|----------|-------------------|---------|--------|-------------------|--------------------|
| magnesium hexafluorosilicate |          | No data available |         |        |                   | Not established    |

## Acute inhalative toxicity

| Ingredient(s)                | Endpoint         | Value (mg/l)         | Species | Method            | Exposure time (h) |
|------------------------------|------------------|----------------------|---------|-------------------|-------------------|
| magnesium hexafluorosilicate | LC <sub>50</sub> | 3.6 (dust)<br>(mist) | Rat     | OECD 403 (EU B.2) | 4                 |

## Acute inhalative toxicity, continued

| Ingredient(s)                | ATE - inhalation, dust (mg/l) | ATE - inhalation, mist (mg/l) | ATE - inhalation, vapour (mg/l) | ATE - inhalation, gas (mg/l) |
|------------------------------|-------------------------------|-------------------------------|---------------------------------|------------------------------|
| magnesium hexafluorosilicate | Not established               | Not established               | Not established                 | Not established              |

## Irritation and corrosivity

## Skin irritation and corrosivity

| Ingredient(s)                | Result            | Species | Method | Exposure time |
|------------------------------|-------------------|---------|--------|---------------|
| magnesium hexafluorosilicate | No data available |         |        |               |

## Eye irritation and corrosivity

| Ingredient(s)                | Result            | Species | Method | Exposure time |
|------------------------------|-------------------|---------|--------|---------------|
| magnesium hexafluorosilicate | No data available |         |        |               |

## Respiratory tract irritation and corrosivity

| Ingredient(s)                | Result            | Species | Method | Exposure time |
|------------------------------|-------------------|---------|--------|---------------|
| magnesium hexafluorosilicate | No data available |         |        |               |

## Sensitisation

## Sensitisation by skin contact

| Ingredient(s)                | Result            | Species | Method | Exposure time (h) |
|------------------------------|-------------------|---------|--------|-------------------|
| magnesium hexafluorosilicate | No data available |         |        |                   |

## Sensitisation by inhalation

| Ingredient(s)                | Result            | Species | Method | Exposure time |
|------------------------------|-------------------|---------|--------|---------------|
| magnesium hexafluorosilicate | No data available |         |        |               |

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

## Mutagenicity

| Ingredient(s)                | Result (in-vitro) | Method (in-vitro) | Result (in-vivo)  | Method (in-vivo) |
|------------------------------|-------------------|-------------------|-------------------|------------------|
| magnesium hexafluorosilicate | No data available |                   | No data available |                  |

## Carcinogenicity

| Ingredient(s)                | Effect            |
|------------------------------|-------------------|
| magnesium hexafluorosilicate | No data available |

## Toxicity for reproduction

| Ingredient(s)                | Endpoint | Specific effect | Value (mg/kg bw/d) | Species | Method | Exposure time | Remarks and other effects reported |
|------------------------------|----------|-----------------|--------------------|---------|--------|---------------|------------------------------------|
| magnesium hexafluorosilicate |          |                 | No data available  |         |        |               |                                    |

## Repeated dose toxicity

## Sub-acute or sub-chronic oral toxicity

| Ingredient(s)                | Endpoint | Value (mg/kg bw/d) | Species | Method | Exposure time (days) | Specific effects and organs affected |
|------------------------------|----------|--------------------|---------|--------|----------------------|--------------------------------------|
| magnesium hexafluorosilicate |          | No data available  |         |        |                      |                                      |

## Sub-chronic dermal toxicity

| Ingredient(s)                | Endpoint | Value (mg/kg bw/d) | Species | Method | Exposure time (days) | Specific effects and organs affected |
|------------------------------|----------|--------------------|---------|--------|----------------------|--------------------------------------|
| magnesium hexafluorosilicate |          | No data available  |         |        |                      |                                      |

## Sub-chronic inhalation toxicity

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| Ingredient(s)                | Endpoint | Value<br>(mg/kg bw/d) | Species | Method | Exposure<br>time (days) | Specific effects and organs<br>affected |
|------------------------------|----------|-----------------------|---------|--------|-------------------------|-----------------------------------------|
| magnesium hexafluorosilicate |          | No data<br>available  |         |        |                         |                                         |

## Chronic toxicity

| Ingredient(s)                   | Exposure<br>route | Endpoint | Value<br>(mg/kg bw/d) | Species | Method | Exposure<br>time | Specific effects and<br>organs affected | Remark |
|---------------------------------|-------------------|----------|-----------------------|---------|--------|------------------|-----------------------------------------|--------|
| magnesium<br>hexafluorosilicate |                   |          | No data<br>available  |         |        |                  |                                         |        |

## STOT-single exposure

| Ingredient(s)                | Affected organ(s) |
|------------------------------|-------------------|
| magnesium hexafluorosilicate | No data available |

## STOT-repeated exposure

| Ingredient(s)                | Affected organ(s) |
|------------------------------|-------------------|
| magnesium hexafluorosilicate | No data available |

## Aspiration hazard

Substances with an aspiration hazard (H304), if any, are listed in section 3.

## Potential adverse health effects and symptoms

Effects and symptoms related to the product, if any, are listed in subsection 4.2.

## 11.2 Information on other hazards

## 11.2.1 Endocrine disrupting properties

Endocrine disrupting properties - Human data, if available:

| Ingredient(s)                | Effect            |
|------------------------------|-------------------|
| magnesium hexafluorosilicate | No data available |

## 11.2.2 Other information

No other relevant information available.

## SECTION 12: Ecological information

## 12.1 Toxicity

No data is available on the mixture.

Substance data, where relevant and available, are listed below:

## Aquatic short-term toxicity

Aquatic short-term toxicity - fish

| Ingredient(s)                | Endpoint | Value<br>(mg/l)      | Species | Method | Exposure<br>time (h) |
|------------------------------|----------|----------------------|---------|--------|----------------------|
| magnesium hexafluorosilicate |          | No data<br>available |         |        |                      |

Aquatic short-term toxicity - crustacea

| Ingredient(s)                | Endpoint | Value<br>(mg/l)      | Species | Method | Exposure<br>time (h) |
|------------------------------|----------|----------------------|---------|--------|----------------------|
| magnesium hexafluorosilicate |          | No data<br>available |         |        |                      |

Aquatic short-term toxicity - algae

| Ingredient(s)                | Endpoint | Value<br>(mg/l)      | Species | Method | Exposure<br>time (h) |
|------------------------------|----------|----------------------|---------|--------|----------------------|
| magnesium hexafluorosilicate |          | No data<br>available |         |        |                      |

Aquatic short-term toxicity - marine species

| Ingredient(s)                | Endpoint | Value<br>(mg/l)      | Species | Method | Exposure<br>time (days) |
|------------------------------|----------|----------------------|---------|--------|-------------------------|
| magnesium hexafluorosilicate |          | No data<br>available |         |        |                         |

Impact on sewage plants - toxicity to bacteria

| Ingredient(s)                | Endpoint | Value<br>(mg/l) | Inoculum | Method | Exposure<br>time |
|------------------------------|----------|-----------------|----------|--------|------------------|
| magnesium hexafluorosilicate |          | No data         |          |        |                  |

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|  |  |           |  |  |  |
|--|--|-----------|--|--|--|
|  |  | available |  |  |  |
|--|--|-----------|--|--|--|

**Aquatic long-term toxicity**

Aquatic long-term toxicity - fish

| Ingredient(s)                | Endpoint | Value (mg/l)      | Species | Method | Exposure time | Effects observed |
|------------------------------|----------|-------------------|---------|--------|---------------|------------------|
| magnesium hexafluorosilicate |          | No data available |         |        |               |                  |

Aquatic long-term toxicity - crustacea

| Ingredient(s)                | Endpoint | Value (mg/l)      | Species | Method | Exposure time | Effects observed |
|------------------------------|----------|-------------------|---------|--------|---------------|------------------|
| magnesium hexafluorosilicate |          | No data available |         |        |               |                  |

Aquatic toxicity to other aquatic benthic organisms, including sediment-dwelling organisms, if available:

| Ingredient(s)                | Endpoint | Value (mg/kg dw sediment) | Species | Method | Exposure time (days) | Effects observed |
|------------------------------|----------|---------------------------|---------|--------|----------------------|------------------|
| magnesium hexafluorosilicate |          | No data available         |         |        |                      |                  |

**Terrestrial toxicity**

Terrestrial toxicity - soil invertebrates, including earthworms, if available:

Terrestrial toxicity - plants, if available:

Terrestrial toxicity - birds, if available:

Terrestrial toxicity - beneficial insects, if available:

Terrestrial toxicity - soil bacteria, if available:

**12.2 Persistence and degradability****Abiotic degradation**

Abiotic degradation - photodegradation in air, if available:

Abiotic degradation - hydrolysis, if available:

Abiotic degradation - other processes, if available:

**Biodegradation**

Ready biodegradability - aerobic conditions

| Ingredient(s)                | Inoculum | Analytical method | DT <sub>50</sub> | Method | Evaluation                           |
|------------------------------|----------|-------------------|------------------|--------|--------------------------------------|
| magnesium hexafluorosilicate |          |                   |                  |        | Not applicable (inorganic substance) |

Ready biodegradability - anaerobic and marine conditions, if available:

Degradation in relevant environmental compartments, if available:

**12.3 Bioaccumulative potential**Partition coefficient n-octanol/water (log K<sub>ow</sub>)

| Ingredient(s)                | Value             | Method | Evaluation | Remark |
|------------------------------|-------------------|--------|------------|--------|
| magnesium hexafluorosilicate | No data available |        |            |        |

Bioconcentration factor (BCF)

| Ingredient(s)                | Value             | Species | Method | Evaluation | Remark |
|------------------------------|-------------------|---------|--------|------------|--------|
| magnesium hexafluorosilicate | No data available |         |        |            |        |

**12.4 Mobility in soil**

Adsorption/Desorption to soil or sediment

| Ingredient(s)                | Adsorption coefficient Log K <sub>oc</sub> | Desorption coefficient Log K <sub>oc</sub> (des) | Method | Soil/sediment type | Evaluation |
|------------------------------|--------------------------------------------|--------------------------------------------------|--------|--------------------|------------|
| magnesium hexafluorosilicate | No data available                          |                                                  |        |                    |            |

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**12.5 Results of PBT and vPvB assessment**

Substances that fulfill the criteria for PBT/vPvB, if any, are listed in section 3.

**12.6 Endocrine disrupting properties**

Endocrine disrupting properties - Environmental effects, if available:

| Ingredient(s)                | Effect            |
|------------------------------|-------------------|
| magnesium hexafluorosilicate | No data available |

**12.7 Other adverse effects**

No other adverse effects known.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

**Waste from residues / unused products:**

The concentrated contents or contaminated packaging should be disposed of by a certified handler or according to the site permit. Release of waste to sewers is discouraged. The cleaned packaging material is suitable for energy recovery or recycling in line with local legislation.

**European Waste Catalogue:**

16 03 03\* - inorganic wastes containing dangerous substances.

**Empty packaging**

**Recommendation:**

Dispose of observing national or local regulations.

**Suitable cleaning agents:**

Water, if necessary with cleaning agent.

**SECTION 14: Transport information****Land transport (ADR/RID), Sea transport (IMDG), Air transport (ICAO-TI / IATA-DGR)**

**14.1 UN number or ID number:** 3264

**14.2 UN proper shipping name:**

Corrosive liquid, acidic, inorganic, n.o.s. ( magnesium fluorosilicate )

Corrosive liquid, acidic, inorganic, n.o.s. ( magnesium fluorosilicate )

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

Transport hazard class (and subsidiary risks): 8

**14.4 Packing group:** III

**14.5 Environmental hazards:**

Environmentally hazardous: No

Marine pollutant: No

**14.6 Special precautions for user:** None known.

**14.7 Maritime transport in bulk according to IMO instruments:** The product is not transported in bulk tankers.

**Other relevant information:**

**ADR**

Classification code: C1

Tunnel restriction code: (E)

Hazard identification number: 80

**IMO/IMDG**

EmS: F-A, S-B

The product has been classified, labelled and packaged in accordance with the requirements of ADR and the provisions of the IMDG Code. Transport regulations include special provisions for certain classes of dangerous goods packed in limited quantities.

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

**EU regulations:**

• Regulation (EC) No. 1907/2006 - REACH

• Regulation (EC) No 1272/2008 - CLP

• substances identified as having endocrine disrupting properties in accordance with the criteria set out in Delegated Regulation (EU) 2017/2100 or Regulation (EU) 2018/605

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- Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)
- International Maritime Dangerous Goods (IMDG) Code

**Authorisations or restrictions (Regulation (EC) No 1907/2006, Title VII respectively Title VIII):** Not applicable.

**Seveso - Classification:** Not classified

**National regulations :**

- Information on employment restrictions: Youth Labour Protection Act (JArbSchG)

**Klassifizierung nach Betriebssicherheitsverordnung (BetrSichV):** -

**Lagerklasse gemäß TRGS 510:** Lagerklasse 12: Nichtbrennbare Flüssigkeiten

**WGK classification:** Wassergefährdungsklasse 2 (Selbsteinstufung nach Anlage 1 § 5.2 AwSV): deutlich wassergefährdend.

**15.2 Chemical safety assessment**

A chemical safety assessment has not been carried out on the mixture

**SECTION 16: Other information**

*The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract*

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Overall design adjusted in accordance with Amendment 2020/878, Annex II of Regulation (EC) No 1907/2006, This data sheet contains changes from the previous version in section(s):, 1, 16

**Classification procedure**

The classification of the mixture is in general based on calculation methods using substance data, as required by Regulation (EC) No 1272/2008. If for certain classifications data on the mixture is available or for example bridging principles or weight of evidence can be used for classification, this will be indicated in the relevant sections of the Safety Data Sheet. See section 9 for physical chemical properties, section 11 for toxicological information and section 12 for ecological information.

**Abbreviations and acronyms:**

- AISE - The international Association for Soaps, Detergents and Maintenance Products
- ATE - Acute Toxicity Estimate
- DNEL - Derived No Effect Limit
- EC50 - effective concentration, 50%
- ERC - Environmental release categories
- EUH - CLP Specific hazard statement
- LC50 - Lethal Concentration, 50% / Median Lethal Concentration
- LCS - Life cycle stage
- LD50 - Lethal Dose, 50% / Median Lethal dose
- NOAEL - No observed adverse effect level
- NOEL - No observed effect level
- OECD - Organisation for Economic Cooperation and Development
- PBT - Persistent, Bioaccumulative and Toxic
- PNEC - Predicted No Effect Concentration
- PROC - Process categories
- REACH number - REACH registration number, without supplier specific part
- vPvB - very Persistent and very Bioaccumulative
- H290 - May be corrosive to metals.
- H301 - Toxic if swallowed.
- H318 - Causes serious eye damage.
- H332 - Harmful if inhaled.
- H412 - Harmful to aquatic life with long lasting effects.

**End of Safety Data Sheet**