Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 15.02.2024 **Version number 3** **Revision: 15.02.2024**

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

. **1.1 Product identifier**

. **Trade name:** Giluform SP10

. **Article number:** 600000

. **1.2 Relevant identified uses of the substance or mixture and uses advised against**
This product hardens with water, generating a great amount of heat. Casts of body parts can lead to burns and, in the worst case, to amputation of body parts.
. **Application of the substance / the mixture** relief casting compound

. **1.3 Details of the supplier of the safety data sheet**
. **Manufacturer/Supplier:**
Schouten Group,
Laan van Londen 140,
3317DA, Dordrecht,
The Netherlands

. **Information:** product information: +31 (0) 186 600 880
. **1.4 Emergency telephone number:**
Nationaal Vergiftigingen Informatie Centrum (NVIC), 24 h +31 30 274 88 88

SECTION 2: Hazards identification

. **2.1 Classification of the substance or mixture**
. **Classification according to Regulation (EC) No 1272/2008**
The product is not to be classified according to the GB CLP regulation.

. **2.2 Label elements**
. **Labelling according to Regulation (EC) No 1272/2008** Void
. **Hazard pictograms** Void
. **Signal word** Void
. **Hazard statements** Void
. **2.3 Other hazards**
. **Results of PBT and vPvB assessment**
. **PBT:** not applicable
. **vPvB:** not applicable

SECTION 3: Composition/information on ingredients

. **3.2 Chemical characterisation: Mixtures**
. **Description:** Blend of gypsum
. **Dangerous components:**

CAS: 1317-65-3 Limestone 2.5-<10%
EINECS: 215-279-6 substance with a Community workplace exposure limit
. **Additional information** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

. **4.1 Description of first aid measures**
. **General information** No special measures required.
. **After inhalation :** Supply fresh air; consult doctor in case of symptoms.
. **After skin contact :**
Wash with water and soap.
The product is not skin irritating.
. **After eye contact :** Rinse opened eye for 15 minutes under running water. If symptoms persist, consult doctor.

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. **After swallowing :**
Rinse out mouth and then drink plenty of water (approx. 500 ml).
In case of persistent symptoms consult doctor.
. **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
. **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

. **5.1 Extinguishing media**
. **Suitable extinguishing agents**
Use fire fighting measures that suit the environment.
CO2, extinguishing powder or water jet. Fight larger fires with foam.
. **5.2 Special hazards arising from the substance or mixture**
Fire can cause release of :
Sulfur oxides (SOx)
. **5.3 Advice for firefighters**
. **Protective equipment:** Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

. **6.1 Personal precautions, protective equipment and emergency procedures**
Avoid causing dust.
Wear protective clothing.
. **6.2 Environmental precautions:** No special measures required.
. **6.3 Methods and material for containment and cleaning up:** Collect mechanically.
. **6.4 Reference to other sections** No dangerous materials are released.

SECTION 7: Handling and storage

. **7.1 Precautions for safe handling**
No special precautions necessary if used correctly.
Provide suction extractors if dust is formed.
. **Information about protection against explosions and fires:**
The product is not flammable
No special measures required.

. **7.2 Conditions for safe storage, including any incompatibilities**
. **Storage**
. **Requirements to be met by storerooms and containers:** No special requirements.
. **Information about storage in one common storage facility:** Not required.
. **Further information about storage conditions:** Store in cool, dry conditions in well sealed containers.
. **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

. **8.1 Control parameters**
. **Components with critical values that require monitoring at the workplace:**

1317-65-3 Limestone

WEL (Great Britain) Long-term value: 10* 4** mg/m³
*inhalable dust; **respirable

. **Additional information:**
The lists that were valid during compilation were used as a basis.

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The general dust limit value of 1.25 mg / m3 (alveolar fraction) and 10 mg / m3 (respirable fraction) must be observed (TRGS 900, 2015).

. **8.2 Exposure controls**
. **Personal protective equipment**
. **General protective and hygienic measures**
The usual precautionary measures should be adhered to in handling the chemicals.
Wash hands during breaks and at the end of the work.
Avoid contact with the eyes.
. **Breathing equipment:**
Short term filter device: ABEK-filter
Filter P1.(For solid particles, DIN 3181)
. **Protection of hands:** Not required.
. **Material of gloves** not applicable
. **Penetration time of glove material** not applicable
. **Eye protection:** Safety glasses (DIN 58211, EN 166)
. **Body protection:** Light weight protective clothing

SECTION 9: Physical and chemical properties

. **9.1 Information on basic physical and chemical properties**
. **General Information**
. **Appearance:**

Form:	Solid
Colour:	White
. **Smell:**	Odourless
. **Odour threshold:**	not applicable
. **pH-value at 20 °C:**	6.5 (Suspension)
. **Change in condition**	
Melting point/freezing point:	>1,400 °C
Initial boiling point and boiling range:	Not determined
. **Flash point:**	Not applicable
. **Inflammability (solid, gaseous)**	not applicable
. **Auto-ignition temperature:**	not applicable
. **Decomposition temperature:**	not determined
. **Explosive properties:**	Product is not explosive.
. **Critical values for explosion:**	
Lower:	not applicable
Upper:	not applicable
. **Dust explosion class:**	
Oxidising properties	none
. **Steam pressure:**	Not applicable. not applicable
. **Density at 20 °C**	2.6 g/cm³
. **Evaporation rate**	not applicable
. **Solubility in / Miscibility with**	
Water at 20 °C:	ca. 2 g/l

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. **Partition coefficient: n-octanol/water:** ca. -2 log POW

. **Viscosity:**
dynamic: Not applicable.
not applicable
kinematic: Not applicable.
not applicable

. **Solvent content:**
Organic solvents: 0.0 %
Water: 0.0 %

Solids content: 100.0 %

. **9.2 Other information** No further relevant information available.

SECTION 10: Stability and reactivity

. **10.1 Reactivity** No hazardous reactions when stored and handled according to instructions.
. **10.2 Chemical stability**
. **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
. **10.3 Possibility of hazardous reactions** No dangerous reactions known
. **10.4 Conditions to avoid** No further relevant information available.
. **10.5 Incompatible materials:** void
. **10.6 Hazardous decomposition products:**
Sulphur trioxide (SO3)
Temp. > 1000 °C

SECTION 11: Toxicological information

. **11.1 Information on toxicological effects**
. **Acute toxicity** Based on available data, the classification criteria are not met.
. **LD/LC50 values that are relevant for classification:**

Oral LD50 >2,000 mg/kg (rat)

10034-76-1 calcium sulfate hemihydrate

Oral LD50 5,825 mg/kg (mouse)
9,934 mg/kg (rat)

Inhalative LC50 >3.26 mg/L (rat)

1317-65-3 Limestone

Oral LD50 >2,000 mg/kg (rat)

. **Primary irritant effect:**
. **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
. **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
. **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
. **Additional toxicological information:**
. **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)**
Due to the ingredients there is no suspicion of a mutagenic effect.
Due to the ingredients there is no suspicion of a carcinogenic effect.
Due to the ingredients there is no suspicion of a toxic effect on reproduction.
Due to the ingredients there is no suspicion of a teratogenic effect.
. **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
. **Carcinogenicity** Based on available data, the classification criteria are not met.
. **Reproductive toxicity** Based on available data, the classification criteria are not met.

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. **STOT-single exposure** Based on available data, the classification criteria are not met.
. **STOT-repeated exposure** Based on available data, the classification criteria are not met.
. **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

. **12.1 Toxicity**
. **Aquatic toxicity:**

1317-65-3 Limestone

LC50 (96 h) >10,000 mg/L (fish)

EC50 (48 h) >1,000 mg/L (Daphnia)

EC50 (72 h) >200 mg/L (algae)

. **12.2 Persistence and degradability** No further relevant information available.
. **Other information:**
Inorganic salts are basicly not biodegradable.
Easy elimination possible by flocculation or adsorption by sludge.
. **12.3 Bioaccumulative potential**
Due to the distribution coefficient n-octanol/water an accumulation in organisms is not expected.
. **12.4 Mobility in soil** No further relevant information available.
. **Ecotoxical effects:**
. **Other information:**
No AOX
No VOC (0%) according to EC-directive 1999/13/EC
. **Additional ecological information:**
. **According to recipe contains the following heavy metals and compounds according to EC guideline NO. 76/464 EC:**
None
. **General notes:**
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.
. **12.5 Results of PBT and vPvB assessment**
. **PBT:** Not applicable.
. **vPvB:** Not applicable.
. **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

. **13.1 Waste treatment methods**
. **Recommendation**
Smaller quantities can be disposed with household garbage.
Can be deposited with household garbage after consulting with the operator of the waste disposal facility and the pertinent authorities and under adherence to the necessary technical regulations.

. **Uncleaned packaging:**
. **Recommendation:**
Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.
Packagings that cannot be cleaned are to be disposed of in the same manner as the product.
Dispose of packaging according to regulations on the disposal of packagings.
. **Recommended cleaning agent:** Water, if necessary with cleaning agent.

SECTION 14: Transport information

. **14.1 UN-Number**
. **ADR/RID/ADN, IMDG, IATA** Void

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. **14.2 UN proper shipping name**
. **ADR/RID/ADN, IMDG, IATA** Void
. **14.3 Transport hazard class(es)**

. **ADR/RID/ADN, IMDG, IATA**
. **Class** Void
. **14.4 Packing group**
. **ADR/RID/ADN, IMDG, IATA** Void
. **14.5 Environmental hazards:** Not applicable.
. **14.6 Special precautions for user** Not applicable.
. **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code** Not applicable.

. **Transport/Additional information:** Not dangerous according to the above regulations.
. **UN "Model Regulation":** Void

SECTION 15: Regulatory information

. **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
. **Poisons Act**
. **Regulated explosives precursors**

7664-93-9 sulphuric acid: 15%

. **Regulated poisons**

None of the ingredients is listed.

. **Reportable explosives precursors**

None of the ingredients is listed.

. **Reportable poisons**

50-00-0 formaldehyde: 5%

. **Directive 2012/18/EU**
. **Named dangerous substances - ANNEX I** None of the ingredients is listed.
. **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

. **Department issuing data specification sheet:**
Contact:
info@schoutengroup.com

. **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative

. **Sources:** source ECHA: European Chemicals Agency, http://echa.europa.eu/
. *** Data compared to the previous version altered.**