

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 29.04.2016

Version: 3 (GB)

Revision: 29.04.2016

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

1.1 Product identifierTrade name: **DANO Feuer****1.2 Relevant identified uses of the substance or mixture and uses advised against**

No further relevant information available.

Application of the substance / the preparation: Gypsum board**1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

Danogips GmbH & Co. KG

Tilsiter Str. 2

41460 Neuss

Deutschland

Tel +49 (0)2131/71810-0

Fax +49 (0)2131/71810-94

Further information obtainable from:

Tel +49 (0)2131/71810-88

E-mail technik@danogips.de**1.4 Emergency telephone number:**

Hotline for symptoms of poisoning and embryonic toxicology, Berlin

Tel +49 (0)30-19240

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture**Classification according to Regulation (EC) No 1272/2008**

The product is not classified according to the CLP regulation.

2.2 Label elements**Labelling according to Regulation (EC) No 1272/2008** Void**Hazard pictograms** Void**Signal word** Void**Hazard statements** Void**Information concerning particular hazards for human and environment:**

No hazards to be particularly mentioned.

2.3 Other hazards**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

Chemical characterisation: Mixtures**Description:**

Fire-resistant board made of set gypsum, clad with board. Gypsum core with reduced additives of starch, tensides added fibre for strength and fire-resistance reinforcement. Partly mineral additives.

Dangerous components: Void

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Trade name: **DANO Feuer****Further components:**

CAS: 7778-18-9 calcium sulfate

EINECS: 231-900-3

Reg.nr.: 01-2119444918-26-XXXX

Remark: Materials with a threshold value for exposure in the workplace – see point 8.**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 complaints.**After skin contact:** Wash off with water and soap.**After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing:

Rinse out mouth and then drink plenty of water.

Seek medical treatment.

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 extinguishing methods suitable to surrounding conditions.**For safety reasons unsuitable extinguishing agents:** None.**5.2 Special hazards arising from the substance or mixture**

In case of fire, the following can be released:

Carbon monoxide (CO)

Carbon dioxide (CO₂)**5.3 Advice for firefighters****Protective equipment:** Wear self-contained respiratory protective device.**Additional information** The product is not flammable.**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Avoid formation of dust.

6.2 Environmental precautions: Do not allow to enter sewers / surface or ground water.**6.3 Methods and material for containment and cleaning up:** Pick up mechanically.**6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Prevent formation of dust.

Do not inhale dust.

Information about fire - and explosion protection: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles: No special requirements.**Information about storage in one common storage facility:** Not required.**Further information about storage conditions:** Store in dry conditions.**7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see item 7.

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:**General dust:** 1.25 mg/m³ A (DE) 4 mg/m³ A (GB), 10 mg/m³ E (GB, DE)

Remark A = alveolar fraction, E = inhalable fraction

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection: Wear dust mask FFP1 if dust forms.**Protection of hands:** Not required.**Eye protection:** Wear safety goggles with side protection if dust develops.**Body protection:** Protective work clothing

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:

Plate

Colour:

Gypsum core: white, white-beige, white-grey

Board: beige, grey

Odour:

Odourless

Odour threshold:

Not determined.

pH-value:

Not applicable in the supplied state, suspension 6-9.

Change in condition

Melting point/Melting range:

Not applicable.

Boiling point/Boiling range:

Not applicable.

Flash point:

Not applicable.

Flammability (solid, gaseous):

Not determined.

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Trade name: **DANO Feuer****Ignition temperature:****Decomposition temperature:** Not determined.**Self-igniting:** Product is not selfigniting.**Danger of explosion:** Product does not present an explosion hazard.**Explosion limits:****Lower:** Not determined.**Upper:** Not determined.**Vapour pressure:** Not applicable.**Density at 20 °C:** 0,8-0,9 g/cm³**Relative density** Not determined.**Vapour density** Not applicable.**Evaporation rate** Not applicable.**Solubility in / Miscibility with****water:** c. 2 g/l (calcium sulphate x 2 H₂O) at 20 °C**Partition coefficient (n-octanol/water):** Not determined.**Viscosity:****Dynamic:** Not applicable.**Kinematic:** Not applicable.**9.2 Other information**Thermal decomposition of gypsum
in CaSO₄ and H₂O from 140 °C
in CaO and SO₃ from 1000 °C**SECTION 10: Stability and reactivity****10.1 Reactivity** No further relevant information available.**10.2 Chemical stability****Thermal decomposition / conditions to be avoided:**

No decomposition if used and stored according to specifications.

Avoid damp conditions.

10.3 Possibility of hazardous reactions No dangerous reactions known.**10.4 Conditions to avoid** No further relevant information available.**10.5 Incompatible materials:** No further relevant information available.**10.6 Hazardous decomposition products:** No dangerous decomposition products known.**SECTION 11: Toxicological information****11.1 Information on toxicological effects** Not toxic.**Acute toxicity** Based on available data, the classification criteria are not met.**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.**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)****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:** No further relevant information available.**12.2 Persistence and degradability** No further relevant information available.**12.3 Bioaccumulative potential** No further relevant information available.**12.4 Mobility in soil** No further relevant information available.**Additional ecological information:****General notes:**

After neutralization is only a relatively small harmful effect of the emerged salts present.
 Do not allow product to reach ground water, water course 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 Waste treatment methods**Recommendation** Disposal must be made according to official regulations.**European waste catalogue**

17 08 02 gypsum-based construction materials other than those mentioned in 17 08 01

17 09 04 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03

Uncleaned packaging:**Recommendation:**

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

SECTION 14: Transport information

14.1 UN-Number

ADR, IMDG, IATA Void

14.2 UN proper shipping name

ADR Void

IMDG, IATA Void

14.3 Transport hazard class(es)

ADR, IMDG, IATA

Class Void

14.4 Packing group

ADR, IMDG, IATA Void

14.5 Environmental hazards:**Marine pollutant:** No

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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.
UN "Model Regulation":	Void

SECTION 15: Regulatory information

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

National regulations:

Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Building material class: Particulars see technical data sheet.

Department issuing MSDS: Knauf Gips KG, Abteilung Nachhaltigkeit und REACH, 97343 Iphofen

Contact: See point 1

Abbreviations and acronyms:

ADR: Accord européen sur le transport 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)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

* **Data compared to the previous version altered.**