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



SUMPFKALK

Version number: GHS 5.0 Replaces version of: 08/10/2023 (GHS 4) Revision: 08/21/2023

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

1.1 Product identifier

Trade name SUMPFKALK

Registration number (REACH) not relevant (mixture)

Unique formula identifier (UFI) UFI: XX5E-W2KD-N90G-U014

as indicated on the label / delivery note

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

Relevant identified uses Mortar

Observe technical data sheet
Observe technical data sheet

1.3 Details of the supplier of the safety data sheet

Baumit GmbH Wopfing 156 A-2754 Waldegg Austria

Uses advised against

Telephone: +43 (0)501 888 0

This number is only available during office hours:

e-mail: office@baumit.com

1.4 Emergency telephone number

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

Austria: en Page: 1 / 16

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



SUMPFKALK

Version number: GHS 5.0 Replaces version of: 08/10/2023 (GHS 4) Revision: 08/21/2023

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

Section	Hazard class	Cat- egory	Hazard class and category	Hazard statement
3.2	skin corrosion/irritation	2	Skin Irrit. 2	H315
3.3	serious eye damage/eye irritation	1	Eye Dam. 1	H318

For full text of abbreviations: see SECTION 16.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP)

- Signal word: danger

- Pictograms:

GHS05



- Hazard statements:

H315 Causes skin irritation. H318 Causes serious eye damage.

- 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.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

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 CENTER/doctor.

P332+P313 If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.

P501 Dispose of contents/container in accordance with local/regional/national/inter-

national regulations.

- Hazardous ingredients for labelling: Calciumdihydroxid Ca(OH),

2.3 Other hazards

Special danger of slipping by leaking/spilling product.

Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance in a concentration of $\geq 0.1\%$.

Endocrine disrupting properties

Does not contain an endocrine disruptor (EDC) in a concentration of $\geq 0.1\%$.

Austria: en Page: 2 / 16

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



SUMPFKALK

Version number: GHS 5.0 Replaces version of: 08/10/2023 (GHS 4) Revision: 08/21/2023

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
Calciumdihydroxid Ca(OH)₂	CAS No 1305-62-0 EC No 215-137-3 REACH Reg. No 01-2119475151- 45-xxxx 01-2119862018- 38-xxxx	50 - < 75	Skin Irrit. 2 / H315 Eye Dam. 1 / H318 STOT SE 3 / H335	

For full text of abbreviations: see SECTION 16

SECTION 4: First aid measures

4.1 Description of first aid measures

- General notes

Avoid contact with skin and eyes.

Avoid breathing dust.

Prevent skin contact.

In all cases of doubt, or when symptoms persist, seek medical advice.

- Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air. In case of respiratory tract irritation, consult a physician.

- Following skin contact

Wash with plenty of soap and water.

- Following eye contact

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

- Following ingestion

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

4.2 Most important symptoms and effects, both acute and delayed

Risk of serious damage to eyes.

Extended inhalation at levels above the occupational exposure limit values can cause irreversible damage to the lungs.

Austria: en Page: 3 / 16

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



SUMPFKALK

Version number: GHS 5.0 Replaces version of: 08/10/2023 (GHS 4) Revision: 08/21/2023

4.3 Indication of any immediate medical attention and special treatment needed

There is no additional information.

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media

Water spray. BC-powder. Carbon dioxide (CO2). Non-combustible.

- Unsuitable extinguishing media

Water jet. Not relevant.

5.2 Special hazards arising from the substance or mixture

Not dust explosion capable.

Non-combustible.

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. [In case of inadequate ventilation] wear respiratory protection.

6.2 Environmental precautions

Keep away from drains, surface and ground water (PH (value)) 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. Collect spillage.

Use appropriate container to avoid environmental contamination.

Wet clean or vacuum up solids.

Don't use a brush or compressed air for cleaning surfaces or clothing.

- 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.

Austria: en Page: 4 / 16

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



SUMPFKALK

Version number: GHS 5.0 Replaces version of: 08/10/2023 (GHS 4) Revision: 08/21/2023

6.4 Reference to other sections

Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13. Section 7.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Recommendations

Wearing of suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing.

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

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

- Handling of incompatible substances or mixtures

Do not mix with acids.

- Advice on general occupational hygiene

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

Wearing of suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing.

Control of effects

Protect against external exposure, such as

frost

7.3 Specific end use(s)

See section 16 for a general overview.

Austria: en Page: 5 / 16

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



SUMPFKALK

Version number: GHS 5.0 Replaces version of: 08/10/2023 (GHS 4)

Revision: 08/21/2023

SECTION 8: Exposure controls/personal protection

8.1 **Control parameters**

Occupational exposure limit values (Workplace Exposure Limits)											
Coun- try	Name of agent	CAS No	Iden- tifier	TWA [ppm]	TWA [mg/ m³]	STEL [ppm]	STEL [mg/ m³]	Ceil- ing-C [ppm]	Ceil- ing-C [mg/ m³]	Nota- tion	Sourc e
АТ	calcium di- hydroxide	1305-62- 0	MAK		1				4 (5 min)	i	GKV
EU	calcium di- hydroxide	1305-62- 0	IOELV		1		4			r	2017/ 164/ EU

Notation

Ceiling-C ceiling value is a limit value above which exposure should not occur

inhalable fraction

respirable fraction

STEL

respirable fraction 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) 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) TWA

Relevant DNELs of components of the mixture							
Name of sub- stance	CAS No	End- point	Threshold level	Protection goal, route of exposure	Used in	Exposure time	
Calciumdihydrox- id Ca(OH) ₂	1305-62-0	DNEL	1 mg/m³	human, inhalat- ory	worker (in- dustry)	chronic - local effects	
Calciumdihydrox- id Ca(OH) ₂	1305-62-0	DNEL	4 mg/m³	human, inhalat- ory	worker (in- dustry)	acute - local ef- fects	

Relevant PNECs of components of the mixture								
Name of sub- stance	CAS No	End- point	Threshold level	Organism	Environmental compartment	Exposure time		
Calciumdihydrox- id Ca(OH) ₂	1305-62-0	PNEC	0.49 mg/	aquatic organ- isms	freshwater	short-term (single instance)		
Calciumdihydrox- id Ca(OH) ₂	1305-62-0	PNEC	0.32 mg/	aquatic organ- isms	marine water	short-term (single instance)		
Calciumdihydrox- id Ca(OH) ₂	1305-62-0	PNEC	3 mg/l	aquatic organ- isms	sewage treat- ment plant (STP)	short-term (single instance)		
Calciumdihydrox- id Ca(OH) ₂	1305-62-0	PNEC	1,080 mg/kg	terrestrial or- ganisms	soil	short-term (single instance)		

Austria: en Page: 6 / 16

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



SUMPFKALK

Version number: GHS 5.0 Replaces version of: 08/10/2023 (GHS 4) Revision: 08/21/2023

8.2 Exposure controls

- Appropriate engineering controls

Use local and general ventilation

- Individual protection measures (personal protective equipment)



Wear eye/face 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

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



Safety footwear



Wear respiratory protection Filtering half mask (EN 149)

- Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

Austria: en Page: 7 / 16

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



SUMPFKALK

Version number: GHS 5.0 Replaces version of: 08/10/2023 (GHS 4) Revision: 08/21/2023

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid (paste)
Form	paste
Colour	whitish
Odour	odourless
Melting point/freezing point	0 °C
Boiling point or initial boiling point and boiling range	100 °C
Flammability	non-combustible
Lower and upper explosion limit	not determined
Flash point	not determined
Auto-ignition temperature	not determined
Decomposition temperature	not relevant
pH (value)	11.9 – 12.9 (in aqueous solution: 40 % (w/w), 20 °C) (base)
Kinematic viscosity	not determined
Solubility(ies)	not determined

Partition coefficient

Partition coefficient n-octanol/water (log value)	not relevant (inorganic)
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Vapour pressure	32 hPa at 25 °C
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Density and/or relative density

Density	not determined
Relative vapour density	information on this property is not available

Particle characteristics	not relevant (liquid)
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Austria: en Page: 8 / 16

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



SUMPFKALK

Version number: GHS 5.0 Replaces version of: 08/10/2023 (GHS 4) Revision: 08/21/2023

9.2 Other information

9.2. 1	Information with regard to physical hazard classes	hazard classes acc. to GHS (physical hazards): not relevant
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9.2.2 Other safety characteristics

Liquid content	50 %
Solid content	50 %

SECTION 10: Stability and reactivity

10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The product develops an alkaline pH value with moisture and can cause irritation.

10.2 Chemical stability

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

Protect from moisture.

10.5 Incompatible materials

There is no additional information.

Release of flammable materials with:

Light metals (due to the release of hydrogen in an acid/alkaline medium)

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.

Austria: en Page: 9 / 16

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



SUMPFKALK

Version number: GHS 5.0 Replaces version of: 08/10/2023 (GHS 4) Revision: 08/21/2023

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)

- Acute toxicity

Shall not be classified as acutely toxic.

GHS of the United Nations, annex 4: May be harmful if swallowed.

- Skin corrosion/irritation

Causes skin irritation.

- Serious eye damage/eye irritation

Causes serious eye damage.

- 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).

- 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.

Austria: en Page: 10 / 16

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



SUMPFKALK

Version number: GHS 5.0 Replaces version of: 08/10/2023 (GHS 4) Revision: 08/21/2023

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

According to the results of its assessment, this substance is not a PBT or a vPvB. Does not contain a PBT-/vPvB-substance in a concentration of $\geq 0.1\%$.

12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (EDC) in a concentration of $\geq 0.1\%$.

12.7 Other adverse effects

Data are not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Wet clean or vacuum up solids.

- Waste codes/waste designations according to LoW:

10 13 04: Wastes from calcination and hydration of lime

- Schlüsselnummer nach nationaler Abfallverzeichnisverordnung (ÖNORM S2100)

31621: Kalkschlamm mit produktionsspezifischen schädlichen Beimengungen.

- Waste treatment-relevant information

Recycling/reclamation of other inorganic materials.

- 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.

Austria: en Page: 11 / 16

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



SUMPFKALK

Version number: GHS 5.0 Replaces version of: 08/10/2023 (GHS 4) Revision: 08/21/2023

SECTION 14: Transport information

14.1	UN number or ID number	not assigned
14.2	UN proper shipping name	not assigned
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

Provisions for dangerous goods (ADR) should be complied within the premises.

14.7 Maritime transport in bulk according to IMO instruments

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 assigned.

- International Maritime Dangerous Goods Code (IMDG) Additional information Not assigned.
- International Civil Aviation Organization (ICAO-IATA/DGR) Additional information Not assigned.

Austria: en Page: 12 / 16

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



SUMPFKALK

Version number: GHS 5.0 Replaces version of: 08/10/2023 (GHS 4) Revision: 08/21/2023

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

Name of substance	Name acc. to inventory	No
SUMPFKALK DULLINGER (extern)	this product meets the criteria for classification in accordance with Regulation No 1272/2008/EC	3

- 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)

Name of substance	Wt%
Calciumdihydroxid Ca(OH)₂	50

- 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
- National inventories

Country	Inventory	Status
EU	REACH Reg.	all ingredients are listed

Legend

REACH Reg. REACH registered substances

15.2 Chemical safety assessment

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

Austria: en Page: 13 / 16

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



SUMPFKALK

Version number: GHS 5.0 Replaces version of: 08/10/2023 (GHS 4) Revision: 08/21/2023

SECTION 16: Other information

Indication of changes (revised safety data sheet)

Section	Former entry (text/value)	Actual entry (text/value)	Safety -relev- ant
2.1		Classification according to Regulation (EC) No 1272/2008 (CLP): change in the listing (table)	yes
2.2		- Pictograms:: change in the listing (table)	yes
2.2		- Hazard statements:: change in the listing (table)	yes
2.2		- Precautionary statements:: change in the listing (table)	yes
11.1	- Specific target organ toxicity - single exposure: May cause respiratory irritation.	- Specific target organ toxicity - single exposure: Shall not be classified as a specific target organ toxicant (single exposure).	yes
13.1	- Schlüsselnummer nach nationaler Abfallverzeichnisverordnung (ÖNORM S2100): 31607: Schlamm aus der Fertigmörtelherstellung (verfestigt)	- Schlüsselnummer nach nationaler Abfallverzeichnisverordnung (ÖNORM S2100): 31621: Kalkschlamm mit produk- tionsspezifischen schädlichen Beimen- gungen.	yes

Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
2017/164/EU	Commission Directive establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU
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)
DNEL	Derived No-Effect Level

Austria: en Page: 14 / 16

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



SUMPFKALK

Version number: GHS 5.0 Replaces version of: 08/10/2023 (GHS 4) Revision: 08/21/2023

14	Descriptions of used abbreviations
Abbr.	Descriptions of used abbreviations
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)
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)
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
IOELV	Indicative occupational exposure limit value
LoW	List of Wastes
NLP	No-Longer Polymer
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
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
•	

Austria: en Page: 15 / 16

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



SUMPFKALK

Version number: GHS 5.0 Replaces version of: 08/10/2023 (GHS 4) Revision: 08/21/2023

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.
H318	Causes serious eye damage.
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.

End of safety data sheet.

Austria: en Page: 16 / 16