

Trade name: grillBLITZ

Substance number: SUB302020250000

Version: 3 / EU

Date revised: 24.11.2015

the date of issue: 07.03.07

Replaces Version: 2 / EU

Print date: 22.12.15

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

1.1. Product identifier

grillBLITZ

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

Use of the substance/preparation

High quality grill detergent gel. For industrial application only.

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

HAGLEITNER HYGIENE International GmbH
Lunastrasse 5
A-5700 Zell am See
Telephone no. +43 (0)5 0456
Fax no. +43 (0)5 0456 7777
E-Mail regulatoryaffairs@hagleitner.at
Information provided by / telephone Regulatory Affairs
E-mail address of person responsible for this SDS regulatoryaffairs@hagleitner.at

Address/Supplier

HAGLEITNER HYGIENE International GmbH
Lunastrasse 5
AT5700 Zell am See
Telephone no. +43 (0)5 0456
Fax no. +43 (0)5 0456 7777
E-mail address of person responsible for this SDS regulatoryaffairs@hagleitner.at

1.4. Emergency telephone number

Anti Poison Center Vienna: +43 (0)1 406 43430

SECTION 2: Hazards identification ***

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)

Skin Corr. 1A	H314
Eye Dam. 1	H318
Met. Corr. 1	H290

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008
For explanation of abbreviations see section 16.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms ***

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the date of issue: 07.03.07

Replaces Version: 2 / EU

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**Signal word *****

Danger

Hazard statements ***

H314 Causes severe skin burns and eye damage.
 H290 May be corrosive to metals.

Precautionary statements ***

P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 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 or doctor.

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

contains Sodium hydroxide; Alkyl polyglucoside C8-10

For industrial application only.

2.3. Other hazards

No special hazards have to be mentioned.

SECTION 3: Composition/information on ingredients *****3.2. Mixtures****Hazardous ingredients (Regulation (EC) No. 1272/2008) *******Sodium hydroxide**

CAS No.	1310-73-2				
EINECS no.	215-185-5				
Registration no.	01-2119457892-27-XXXX				
Concentration	>= 5	<	10		%

Classification (Regulation (EC) No. 1272/2008)
 Skin Corr. 1A H314

Concentration limits (Regulation (EC) No. 1272/2008)

Skin Corr. 1A	H314	>= 5
Skin Irrit. 2	H315	>= 0,5 < 2
Eye Irrit. 2	H319	>= 0,5 < 2
Skin Corr. 1B	H314	>= 2 < 5

Alkyl polyglucoside C8-10

CAS No.	68515-73-1				
EINECS no.	500-220-1				
Registration no.	01-2119488530-36				
Concentration	>= 1	<	3		%

Classification (Regulation (EC) No. 1272/2008)
 Eye Dam. 1 H318

Ingredients (Regulation (EC) No 648/2004)

Trade name: grillBLITZ

Substance number: SUB302020250000

Version: 3 / EU

Date revised: 24.11.2015

the date of issue: 07.03.07

Replaces Version: 2 / EU

Print date: 22.12.15

less than 5 %:
non-ionic surfactants

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated, soaked clothing immediately and dispose of safely.

After inhalation

When spray fog inhaled, seek medical aid immediately and show the physician the packing or the packing label. Ensure supply of fresh air. In the event of symptoms take medical treatment.

After skin contact

After contact with skin, wash immediately with plenty of water. Seek medical advice immediately.

After eye contact

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Shield unaffected eye. Eye treatment by an Oculist.

After ingestion

Do not induce vomiting. Drink water in small gulps. Never give anything by mouth to an unconscious person. Take medical treatment.

4.2. Most important symptoms and effects, both acute and delayed

The following symptoms may occur: Shortness of breath, Coughing

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

Hints for the physician / hazards

Risk of stomach perforation; Risk of respiratory disorders

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray jet, Foam, ABC powder, Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas.

Non suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

None known

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Wear full protective suit. In case of combustion use a suitable breathing apparatus.

Other information

Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations. Cool endangered containers with water spray jet.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective clothing. High risk of slipping due to leakage/spillage of product. Avoid contact with skin, eyes and clothing. Refer to protective measures listed in Sections 7 and 8.

Trade name: grillBLITZ

Substance number: SUB302020250000

Version: 3 / EU

Date revised: 24.11.2015

the date of issue: 07.03.07

Replaces Version: 2 / EU

Print date: 22.12.15

6.2. Environmental precautions

Do not discharge into surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

Take up with absorbent material (eg sand, kieselguhr, universal binder). Rinse away rest with plenty of water. Dispose of as prescribed.

6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Use only alkali-proof equipment. Observe the usual precautions for handling chemicals. Handle and open container with care.

Advice on protection against fire and explosion

No special measures required.

7.2. Conditions for safe storage, including any incompatibilities**Recommended storage temperature**

Value >= 5 <= 25 °C

Storage stability

Storage life: 3 years

Requirements for storage rooms and vessels

Keep only in the original container. Provide alkali-resistant floor.

Hints on storage assembly

Do not store together with: Acids, Do not store together with foodstuffs.

Further information on storage conditions

Keep container tightly closed; open and handle with care. Protect from frost.

SECTION 8: Exposure controls/personal protection *****8.1. Control parameters****Other information**

Maintain air concentrations below occupational exposure standards.

Derived No/Minimal Effect Levels (DNEL/DMEL)**Alkyl polyglucoside C8-10**

Reference substance	Alkyl polyglucoside C8-10	
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	595000	mg/kg

Type of value	Alkyl polyglucoside C8-10
Reference group	Derived No Effect Level (DNEL)
Duration of exposure	Worker
Route of exposure	Long term
	inhalative

Trade name: grillBLITZ

Substance number: SUB302020250000

Version: 3 / EU

Date revised: 24.11.2015

the date of issue: 07.03.07

Replaces Version: 2 / EU

Print date: 22.12.15

Mode of action	Systemic effects	
Concentration	420	mg/m ³
Type of value	Alkyl polyglucoside C8-10	
Reference group	Derived No Effect Level (DNEL)	
Duration of exposure	Consumer	
Route of exposure	Long term	
Mode of action	dermal	
Concentration	Systemic effects	
	357000	mg/kg
Type of value	Alkyl polyglucoside C8-10	
Reference group	Derived No Effect Level (DNEL)	
Duration of exposure	Consumer	
Route of exposure	Long term	
Mode of action	oral	
Concentration	Systemic effects	
	35,7	mg/kg
Type of value	Alkyl polyglucoside C8-10	
Reference group	Derived No Effect Level (DNEL)	
Duration of exposure	Consumer	
Route of exposure	Long term	
Mode of action	inhalative	
Concentration	Systemic effects	
	124	mg/m ³

Predicted No Effect Concentration (PNEC)

Alkyl polyglucoside C8-10

Reference substance	Alkyl polyglucoside C8-10	
Type of value	PNEC	
Type	Freshwater	
Concentration	0,176	mg/l
Type of value	Alkyl polyglucoside C8-10	
Type	PNEC	
Concentration	Saltwater	
	0,0176	mg/l
Type of value	Alkyl polyglucoside C8-10	
Type	PNEC	
Concentration	Water (intermittent release)	
	0,27	mg/l
Type of value	Alkyl polyglucoside C8-10	
Type	PNEC	
Concentration	Sewage treatment plant (STP)	
	560	mg/l
Type of value	Alkyl polyglucoside C8-10	
Type	PNEC	
Concentration	Freshwater sediment	
	1516	mg/kg
Type of value	Alkyl polyglucoside C8-10	
	PNEC	

Trade name: grillBLITZ

Substance number: SUB302020250000

Version: 3 / EU

Date revised: 24.11.2015

the date of issue: 07.03.07

Replaces Version: 2 / EU

Print date: 22.12.15

Type	Marine sediment		
Concentration	0,152		mg/kg
Type of value	Alkyl polyglucoside C8-10		
Type	PNEC		
Type	Soil		
Concentration	0,654		mg/kg
Type of value	Alkyl polyglucoside C8-10		
Type	PNEC		
Type	Secondary poisoning		
Route of exposure	oral		
Concentration	111,11		mg/kg

8.2. Exposure controls

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Observe the usual precautions for handling chemicals.

Respiratory protection

Not necessary, but do not inhale vapours. Breathing apparatus in the event of aerosol or mist formation.

Hand protection

Gloves (alkali-resistant)

Use Short-term hand contact
Reference substance Sodium hydroxide
Appropriate Material Butyl rubber
Material thickness = 0,5 mm
Breakthrough time > 480 min

Gloves (alkali-resistant)

Use Short-term hand contact
Reference substance Sodium hydroxide
Appropriate Material nitrile
Material thickness from 0,35 mm
Breakthrough time > 480 min

Eye protection

Tightly fitting safety glasses

Body protection

Alkali-resistant protective clothing

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Liquid, slightly viscous
Colour	brown
Odour	odourless
pH value	
Value	> 14
Concentration/H ₂ O	100 %
Temperature	20 °C
Remarks	strongly alkaline
Freezing point	
Value	appr. -4 to 4 °C

Trade name: grillBLITZ

Substance number: SUB302020250000

Version: 3 / EU

Date revised: 24.11.2015

the date of issue: 07.03.07

Replaces Version: 2 / EU

Print date: 22.12.15

Sublimation point

Remarks not determined

Initial boiling point and boiling range

Value appr. 100 °C

Flash point

Value > 100 °C

Remarks Not applicable

Evaporation rate

Remarks not determined

Evaporation rate (ether = 1) :

Remarks not determined

Upper/lower flammability or explosive limits

Remarks Not applicable

Vapour pressure

Remarks not determined

Vapour density

Remarks not determined

DensityValue 1,36 g/cm³

Temperature 20 °C

Solubility in water

Remarks Completely miscible

Solubility(ies)

Remarks not determined

Partition coefficient: n-octanol/water

Remarks not determined

Ignition temperature

Remarks Not applicable

Decomposition temperature

Remarks No decomposition if used as prescribed.

Viscosity

Remarks not determined

Oxidising properties

Remarks Not applicable

9.2. Other information**Bulk density**

Remarks not determined

Packed bulk density

Remarks not determined

Solids content

Remarks not determined

Surface tension

Remarks not determined

Other information

None known

Trade name: grillBLITZ

Substance number: SUB302020250000

Version: 3 / EU

Date revised: 24.11.2015

the date of issue: 07.03.07

Replaces Version: 2 / EU

Print date: 22.12.15

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactions with acids and strong oxidising agents.

10.2. Chemical stability

Protect from extreme heat and cold.

10.3. Possibility of hazardous reactions

Protect from contamination.

10.4. Conditions to avoid

Do not store at temperatures below -5 °C.

Decomposition temperature

Remarks No decomposition if used as prescribed.

10.5. Incompatible materials

Product reacts with: Acids, Oxidising agents

10.6. Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

ATE	>	10.000	mg/kg
Method	calculated value (Regulation (EC) No. 1272/2008)		

Acute oral toxicity (Components)

Sodium hydroxide

Species	mouse		
LD50	=	5800	mg/kg

Sodium hydroxide

Species	rat		
LD50	=	2000	mg/kg
Source	Manufacturer's data		

Skin corrosion/irritation

evaluation strongly corrosive

Serious eye damage/irritation

evaluation strongly corrosive

Sensitization

evaluation non-sensitizing

Subacute, subchronic, chronic toxicity

Remarks No data available

Mutagenicity

Remarks No data available

Reproductive toxicity

Remarks No data available

Carcinogenicity

Remarks No data available

Trade name: grillBLITZ

Substance number: SUB302020250000

Version: 3 / EU

Date revised: 24.11.2015

the date of issue: 07.03.07

Replaces Version: 2 / EU

Print date: 22.12.15

Specific Target Organ Toxicity (STOT)

Remarks No data available

Experience in practice

The product has a strong caustic effect on the skin, eyes and mucous membranes.

Other information

Product specific toxicological data are not known.

SECTION 12: Ecological information *****12.1. Toxicity****Fish toxicity**

Reference substance	Propane-1,2-diol
CAS No.	57-55-6
Species	Fathead minnow (<i>Pimephales promelas</i>)
LC50	51400 mg/l
Duration of exposure	96 h
Source	IUCLID

Fish toxicity (Components)**Sodium hydroxide**

LC50	=	35	to	189	mg/l
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Daphnia toxicity ***

Reference substance	Propane-1,2-diol
CAS No.	57-55-6
Species	Daphnia magna
LC50	43500 mg/l
Duration of exposure	48 h
Source	IUCLID

Daphnia toxicity (Components)**Sodium hydroxide**

Species	Ceriodaphnia spec
EC50	= 40,4 mg/l

Algae toxicity

Reference substance	Propane-1,2-diol
CAS No.	57-55-6
Species	Selenastrum capricornutum
EC50	19500 mg/l
Duration of exposure	14 d
Source	IUCLID

12.2. Persistence and degradability**General information**

No data available

12.3. Bioaccumulative potential**General information**

No data available

Partition coefficient: n-octanol/water

Remarks not determined

Trade name: grillBLITZ

Substance number: SUB302020250000
the date of issue: 07.03.07Version: 3 / EU
Replaces Version: 2 / EUDate revised: 24.11.2015
Print date: 22.12.15**12.4. Mobility in soil****General information**

No data available

12.5. Results of PBT and vPvB assessment**General information**

Not applicable

12.6. Other adverse effects**General information**

not determined

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations for the product**EWC waste code 20 01 15* alkalines
Dispose of as hazardous waste.**Disposal recommendations for packaging**EWC waste code 20 01 39 plastics
Completely emptied packagings can be given for recycling.**SECTION 14: Transport information****Land transport ADR/RID****14.1. UN number**

UN 1824

14.2. UN proper shipping name

SODIUM HYDROXIDE SOLUTION

14.3. Transport hazard class(es)Class 8
Label 8**14.4. Packing group**Packing group II
Limited Quantity 1 I
Transport category 2**14.5. Environmental hazards**

-

Tunnel restriction code E

**Marine transport IMDG/GGVSee****14.1. UN number**

UN 1824

14.2. UN proper shipping name

SODIUM HYDROXIDE SOLUTION

14.3. Transport hazard class(es)

Class 8

14.4. Packing group

Trade name: grillBLITZ

Substance number: SUB302020250000

Version: 3 / EU

Date revised: 24.11.2015

the date of issue: 07.03.07

Replaces Version: 2 / EU

Print date: 22.12.15

Packing group II

14.5. Environmental hazards

-

Air transport ICAO/IATA**14.1. UN number**

UN 1824

14.2. UN proper shipping name

SODIUM HYDROXIDE SOLUTION

14.3. Transport hazard class(es)

Class 8

14.4. Packing group

Packing group II

14.5. Environmental hazards

-

Information for all modes of transport**14.6. Special precautions for user**

The relevant transport regulations have to be considered.

Other information**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

not determined

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****less than 5 %:**

non-ionic surfactants

Water Hazard Class (Germany)

Water Hazard Class WGK 1

(Germany)

Remarks Classification according to Annex 4 VwVwS

VOC

VOC (CH) = 5 %

VOC (EU) = 5 %

15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

SECTION 16: Other information

Alterations/supplements: Alterations to the previous edition are marked with an asterisk (*) in the left-hand margin.

Hazard statements listed in Chapter 3

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

CLP categories listed in Chapter 3

Eye Dam. 1 Serious eye damage, Category 1

Skin Corr. 1A Skin corrosion, Category 1A

Abbreviations

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route

Trade name: grillBLITZ

Substance number: SUB302020250000

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Replaces Version: 2 / EU

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CAS: Chemical Abstracts Service
IMDG: International Maritime Code for Dangerous Goods
EAK: Europäischer Abfallkatalog
EINECS: European Inventory of Existing Commercial Chemical Substances
VOC: Volatile Organic Compound
INCI: International Nomenclature of Cosmetic Ingredients
MAK: Maximale Arbeitsplatz-Konzentration
REACH: Registration, Evaluation, Autohorisation and Restriction of Chemicals
NOEL: No observable effect level
NOEC: No observable effect concentration
LD: Lethal dose
LC: Lethal concentration
GHS: Globally Harmonized System of classification and Labelling of Chemicals
EU: European Union
EC: European Community
IMO: International Maritime Organization
RID: Règlement concernant le transport international ferroviaire de marchandises dangereuses
DNEL: Derived no effect level
DMEL: Derived minimal effect level
PNEC: Predicted no effect concentration
CEFIC: European Chemical Industry Council
UN: United Nations

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

