

SAFETY DATA SHEET

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

Revision date: 05-Dec-2019

Print date: 14-Dec-2019

Version: 1

Page 1/9



Assindia Grillex 20-5-1

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

1.1. Product identifier

Trade name/designation:

Assindia Grillex 20-5-1

Article No.:

636

Additional information:

The substance does not require registration according to Regulation (EC) No 1907/2006 [REACH].

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

Use of the substance/mixture:

Reinigungsmittel

Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Relevant identified uses:

Product Categories [PC]

PC 35: Washing and cleaning products

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor):

Assindia Chemie GmbH

Wilhelm-Tenhagen-Str. 14

46240 Bottrop

Germany

Telephone: +49-2041-709560

Telefax: +49-2041-7095629

E-mail: info@assindia.de

Website: www.assindia.de

Giftnotrufzentrale Bonn

1.4. Emergency telephone number

Jörg Bindschus, 24h: +49 (0) 228 19240 , +49 (0) 228 19240 (Only available during office hours.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Hazard classes and hazard categories	Hazard statements	Classification procedure
Skin corrosion/irritation (<i>Skin Corr. 1</i>)	H314: Causes severe skin burns and eye damage.	
Serious eye damage/eye irritation (<i>Eye Dam. 1</i>)	H318: Causes serious eye damage.	

2.2. Label elements

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

Hazard pictograms:



GHS05

Corrosion

Signal word: Danger

SAFETY DATA SHEET

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

Revision date: 05-Dec-2019

Print date: 14-Dec-2019

Version: 1

Page 2/9



Assindia Grillex 20-5-1

hazard statements for health hazards

H314 Causes severe skin burns and eye damage.

Supplemental Hazard information (EU): -

Precautionary statements

P102 Keep out of reach of children.

Precautionary statements Prevention

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

Precautionary statements Response

P301 + P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or 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.

P363 Wash contaminated clothing before reuse.

Special rules for supplemental label elements for certain mixtures:

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

Special rules on packaging:

Tactile warning according to EN/ISO 11683. Child-resistant fastenings (EN/862/ISO 8317).

Additional information:

none

2.3. Other hazards

No data available

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Description:

Cleaning agent, alkaline

Hazardous ingredients / Hazardous impurities / Stabilisers:

product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 1310-73-2 EC No.: 215-185-5 CLP Reference No.: 02-2119752469-26-0000 REACH No.: 01-2119457892-27-0000	sodium hydroxide Skin Corr. 1A Danger H314	2 - ≤ 4.5 Wt %
CAS No.: 1310-58-3 EC No.: 215-181-3 REACH No.: 01-2119487136-33	potassium hydroxide Acute Tox. 4, Skin Corr. 1A Danger H302-H314	2 - ≤ 4.5 Wt %
CAS No.: 108081-06-7 EC No.: 414-420-0 REACH No.: 01-0000016147-72-0001	Alcylglycosid C8 The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP]. Danger H318	0 - ≤ 1.2 Wt %

Full text of H- and EUH-phrases: see section 16.

SAFETY DATA SHEET

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

Revision date: 05-Dec-2019

Print date: 14-Dec-2019

Version: 1

Page 3/9



Assindia Grillex 20-5-1

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:

Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious place in recovery position and seek medical advice. Do not leave affected person unattended. Warning First aider: Pay attention to self-protection!

Following inhalation:

Provide fresh air. In case of respiratory tract irritation, consult a physician.

In case of skin contact:

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

After eye contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

After ingestion:

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Let water be drunken in little sips (dilution effect). Do NOT induce vomiting.

Self-protection of the first aider:

Use personal protection equipment. First aider: Pay attention to self-protection!

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

Skin corrosion/irritation Serious eye damage/eye irritation

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Excess water.. Water spray. Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media:

Strong water jet

5.2. Special hazards arising from the substance or mixture

none The product itself does not burn.

Hazardous combustion products:

Carbon monoxide In case of fire: Gases/vapours, toxic

5.3. Advice for firefighters

The product is not: Combustible Wear a self-contained breathing apparatus and chemical protective clothing.

5.4. Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Use personal protection equipment. Remove persons to safety.

Protective equipment:

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

Emergency procedures:

no restriction

SAFETY DATA SHEET

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

Revision date: 05-Dec-2019

Print date: 14-Dec-2019

Version: 1

Page 4/9



Assindia Grillex 20-5-1

6.1.2. For emergency responders

Personal protection equipment:

Protective clothing. Personal protection equipment: see section 8

6.2. Environmental precautions

No special environmental measures are necessary. Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

For containment:

Suitable material for taking up: Absorbing material, organic Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

For cleaning up:

Clear contaminated areas thoroughly.

6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

6.5. Additional information

Use appropriate container to avoid environmental contamination.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

No special handling advices are necessary. Wear personal protection equipment (refer to section 8).

Fire prevent measures:

No special fire protection measures are necessary.

Measures to prevent aerosol and dust generation:

not applicable

Environmental precautions:

No special environmental measures are necessary.

Advices on general occupational hygiene

General health and safety measures. When using do not eat, drink or smoke. Avoid contact with eyes and skin.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

No special measures are necessary. Keep container tightly closed in a cool, well-ventilated place.

Packaging materials:

none

Requirements for storage rooms and vessels:

No special measures are necessary.

Hints on storage assembly:

none

Storage class: 8B – Non-combustible corrosive substances

Further information on storage conditions:

No special fire protection measures are necessary.

7.3. Specific end use(s)

Industrial sector specific solutions:

Stripper, corrosive, solvent-free

GISCODE:

GG70

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No data available

SAFETY DATA SHEET

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

Revision date: 05-Dec-2019

Print date: 14-Dec-2019

Version: 1

Page 5/9



Assindia Grillex 20-5-1

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No special measures are necessary.

8.2.2. Personal protection equipment



Eye/face protection:

Eye glasses Eye glasses with side protection DIN EN 166

Skin protection:

Tested protective gloves must be worn EN ISO 374 Breakthrough time (maximum wearing time) min In the case of wanting to use the gloves again, clean them before taking off and air them well. Breakthrough times and swelling properties of the material must be taken into consideration.

Respiratory protection:

none

Thermal hazards:

Non-combustible liquids.

Other protection measures:

none

8.2.3. Environmental exposure controls

No special environmental measures are necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: Liquid

Colour: colourless

Odour: fruity

Odour threshold: not relevant

Safety relevant basis data

parameter		at °C	Method	Remark
pH	13.2	20 °C	DIN 19261	
Melting point	<i>not determined</i>			
Freezing point	<i>not determined</i>			
Initial boiling point and boiling range	100 °C			literature value
Decomposition temperature	<i>not determined</i>			
Flash point	<i>not applicable</i>			
Evaporation rate	<i>not determined</i>			
Auto-ignition temperature	<i>not applicable</i>			
Upper/lower flammability or explosive limits	<i>not applicable</i>			
Vapour pressure	<i>not determined</i>			
Vapour density	<i>not determined</i>			
Density	1.2 g/cm ³	20 °C	DIN 12791	
Bulk density	<i>not applicable</i>			
Water solubility	0 - 100 %			completely miscible
Partition coefficient: n-octanol/water	<i>not determined</i>			
Dynamic viscosity	<i>not determined</i>			
Kinematic viscosity	<i>not determined</i>			

9.2. Other information

No data available

SAFETY DATA SHEET

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

Revision date: 05-Dec-2019

Print date: 14-Dec-2019

Version: 1

Page 6/9



Assindia Grillex 20-5-1

SECTION 10: Stability and reactivity

10.1. Reactivity

No known symptoms to date. The product itself does not burn.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

none

10.4. Conditions to avoid

Temperature > 50°C

10.5. Incompatible materials

none

10.6. Hazardous decomposition products

none In case of fire: Gases/vapours, toxic

SECTION 11: Toxicological information

11.1. Information on toxicological effects

CAS No.	Substance name	Toxicological information
1310-58-3	potassium hydroxide	LD₅₀ oral: 365 g/m ³

Acute oral toxicity:

Based on available data, the classification criteria are not met.

Acute dermal toxicity:

Based on available data, the classification criteria are not met.

Acute inhalation toxicity:

Based on available data, the classification criteria are not met.

Skin corrosion/irritation:

Causes severe skin burns and eye damage.

Serious eye damage/irritation:

Causes serious eye damage.

Respiratory or skin sensitisation:

Based on available data, the classification criteria are not met.

Germ cell mutagenicity:

No indications of human germ cell mutagenicity exist.

Carcinogenicity:

No indication of human carcinogenicity.

Reproductive toxicity:

No indications of human reproductive toxicity exist.

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.

Additional information:

No data available

SECTION 12: Ecological information

12.1. Toxicity

Aquatic toxicity:

none

SAFETY DATA SHEET

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

Revision date: 05-Dec-2019

Print date: 14-Dec-2019

Version: 1

Page 7/9



Assindia Grillex 20-5-1

Sediment toxicity:

none

Terrestrial toxicity:

none

Effects in sewage plants:

The organic part of the product is biodegradable.

12.2. Persistence and degradability

Biodegradation:

The surfactants contained in this mixture comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product:

20 01 30	detergents other than those mentioned in 20 01 29
20 03 01	mixed municipal waste

Waste code packaging:

20 01 39	plastics
----------	----------

Waste treatment options

Appropriate disposal / Product:

Dispose of waste according to applicable legislation. Consult the appropriate local waste disposal expert about waste disposal.

Appropriate disposal / Package:

Contaminated packages must be completely emptied and can be re-used following proper cleaning. Non-contaminated packages may be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN-No.

UN 1760

14.2. UN proper shipping name

CORROSIVE LIQUID,
N.O.S. (Sodium and
potassium hydroxide)

SAFETY DATA SHEET

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

Revision date: 05-Dec-2019


Print date: 14-Dec-2019

Version: 1

Page 8/9



Assindia Grillex 20-5-1

Land transport (ADR/RID)	
14.3. Transport hazard class(es)	
 8	
14.4. Packing group	
II	
14.5. Environmental hazards	
No	
14.6. Special precautions for user	
Special provisions: Exempted Quantities (EQ): Hazard identification number (Kemler No.): 80 Classification code: C1 Remark:	
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	none

SECTION 15: Regulatory information

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

15.1.1. EU legislation

Authorisations:

All ingredients of this mixture are (pre)registered according to REACH regulation.

Other regulations (EU):

VOC-value (in g/L): 0 (0%)

15.1.2. National regulations

[DE] National regulations

Restrictions of occupation

none

Störfallverordnung

for substances contained in the product:

Not subject to StörfallVO.

Technische Anleitung Luft (TA-Luft)

Klasse 1:

Not subject to TA-Luft.

Water hazard class (WGK)

WGK:

1 - schwach wassergefährdend

Description:

slightly hazardous to water (WGK 1)

SAFETY DATA SHEET

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

Revision date: 05-Dec-2019

Print date: 14-Dec-2019

Version: 1

Page 9/9



Assindia Grillex 20-5-1

Remark:

Documentation of self-classification carried out according to VwVwS, 3a.

Berufsgenossenschaftliche Vorschriften (BGV)

Berufsgenossenschaftliche Informationen (BGI)

Relevante arbeitsmedizinische Vorschriften

not relevant

Other regulations, restrictions and prohibition regulations

none

15.2. Chemical Safety Assessment

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

SECTION 16: Other information

16.1. Indication of changes

No data available

16.2. Abbreviations and acronyms

For abbreviations and acronyms, see table at <http://abbrev.esdscom.eu>

16.3. Key literature references and sources for data

ECHA

16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

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

Hazard classes and hazard categories	Hazard statements	Classification procedure
Skin corrosion/irritation (<i>Skin Corr. 1</i>)	H314: Causes severe skin burns and eye damage.	
Serious eye damage/eye irritation (<i>Eye Dam. 1</i>)	H318: Causes serious eye damage.	

16.5. Relevant R-, H- and EUH-phrases (Number and full text)

Hazard statements	
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.

16.6. Training advice

No special measures are necessary. Draw up and observe skin protection programme.

16.7. Additional information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.