

In accordance with REACH 1907/2006/EC, CLP 1272/2008/EC and 453/2010/EC regulations

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

- **1.1 Product identifier**
- **Trade name:** Coffee Broker Coffee Equipment Cleaner
- **1.2 Relevant identified uses of the substance or mixture and uses advised against.**
- **Application of the substance / the preparation:** Coffee Equipment Cleaner
- **Uses advised against:** No further informations necessary
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
- NOMUD CLEANING SOLUTIONS  
Im Mühlenwert 20, 58135 Hagen  
GERMANY  
Tel. +49 2331 4789851  
[info@nomud.de](mailto:info@nomud.de)  
[www.nomud.de](http://www.nomud.de)
- **Further Informatin obtainable from:**
- NOMUD CLEANING SOLUTIONS  
Im Mühlenwert 20, 58135 Hagen  
GERMANY  
Tel. +49 2331 4789851  
[info@nomud.de](mailto:info@nomud.de)  
[www.nomud.de](http://www.nomud.de)
- **1.4 Emergency telephone number:**
- Tel: 116117 Germany
- Tel: 800-424-9300 (USA)

**SECTION 2: Hazards Identification**

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
- Corrosive to skin, Category 1, H314
- Corrosive to metals, Category 1, H290



- H314: Causes severe skin burns and eye damage
- H290 May be corrosive to metals
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
- The mixture is classified and labeled according to the CLP regulation.
- **Hazard pictogram**

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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**
  - *P405: Store locked up*
  - *P102 : Keep out of reach of children*
  - *P264: Wash hands thoroughly after handling*
  - *P280: Wear protective gloves/protective clothing/eye protection/face protection.*
  - *P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.*
  - *P301+310: IF SWALLOWED: Immediately call the POISON CENTER or a doctor*
  - *P501: Dispose of contents/container in accordance with local/regional/national/international regulation*
- **2.3 Other Hazards**
  - *Results of PBT and vPvB assessment*
  - *PBT: Not determined*
  - *vPvB: Not determined*

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

- **3.2 Chemical characterisation: Mixtures**

Chemical Name	EC-No	Cas-No	REACH Registration No.	Hazard Statements	Concentration
Potassiumhydroxide	215-181-3	1310-58-3	01-2119487136-33-0006	H290,H302,H314	<5%

- *For the entire wording of the H phrases, see Section 16.*

**SECTION 4: FIRST AID MEASURES**

- **4.1 Description of first aid measures**
  - **Eye Contact:** In case of Augen mehrere Minuten bei geöffnetem Lidspalt unter fließendem Wasser spülen. medical advice
  - **Ingestion:** If swallowed, seek medical advice immediately and show this container or label
  - **Skin Contact:** After contact with skin, wash immediately with plenty of water and dry thoroughly
- **4.2 Most important symptoms and effects, both acute and delayed**
  - Consult Section 2
- **4.3 Indication of any immediate medical attention and special treatment needed**
  - In case of accident or if you feel unwell seek medical advice immediately

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**SECTION 5: FIREFIGHTING MEASURES**

- **5.1 Extinguishing media**
  - Suitable extinguishing agents: Water, foam
  - For safety reasons unsuitable extinguishing agents: Water with a full water jet.
- **5.2 Special hazards arising from the substance or mixture**
  - No further relevant information available.
- **5.3 Advice for firefighters**
  - Use normal protective equipment in case of fire

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

- **6.1 Personal precautions, protective equipment and emergency procedures**
  - Ensure adequate ventilation. Avoid contact with eyes and skin. Wear suitable protective clothing, gloves and face /eye protection.
- **6.2 Environmental precautions:**
  - Do not allow to enter drainage system, surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
  - Collect residue with suitable absorbent material. Discard absorbed material in accordance with regulations

**SECTION 7: HANDLING AND STORAGE**

- **7.1 Precautions for safe handling**
  - *Avoid contact with eyes and skin. Wear suitable protective clothing, gloves and face /eye protection.*
- **7.2 Conditions for safe storage, including any incompatibilities**
  - *Store in cool location and keep out of reach of children*
- **7.3 Specific end use(s)**
  - *Consult Section 1.*

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

- **8.1 Control parameters**
  - No further relevant information available
- **8.2 Exposure controls**

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- Eye protection: Wear eye / face protection.
- Hand protection: Wear suitable protective clothing and gloves
- Wash immediately with plenty of water and dry thoroughly
- Respiratory protection: proper ventilation of the space is necessary

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

• <b>Form:</b>	Liquid
• <b>Color:</b>	Colored
• <b>Odor:</b>	Odorless
• <b>Specific Weight:</b>	1040Kg / m <sup>3</sup>
• <b>pH:</b>	~13
• <b>Alkalinity:</b>	3,5% NaOH
• <b>Danger of explosion:</b>	Product does not present an explosion hazard
• <b>Flamability:</b>	Product is not selfigniting
• <b>Self-igniting:</b>	Product is not flammable
• <b>9.2 Other information</b>	No further relevant information available.

## SECTION 10: STABILITY AND REACTIVITY

- **10.1 Reactivity**
- No further relevant information available.
- **10.2 Chemical stability**
- Product is stable in standard storage conditions.
- **10.3 Possibility of hazardous reactions**
- No dangerous reactions known.
- **10.4 Conditions to avoid**
- Consult section 7
- **10.5 Incompatible materials:**
- Do not use on sensitive surfaces (plastic or aluminum, painted or lacquered).  
May be corrosive to metals.
- **10.6 Hazardous decomposition products**
- No further relevant information available.

## SECTION 11: TOXOLOGICAL INFORMATION

- **11.1 Information on toxicological effects**
- Consult Sections 7 and 8

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- Non Toxic

**SECTION 12: ECOLOGICAL INFORMATION**

- **12.1 Toxicity**
- Consult Section 6
- **12.2 Persistence and degradability**
- The surfactants contained in the product comply with the biodegradability criteria pursuant to Regulation 648/2004.
- **12.3 Bio accumulative potential**
- No further relevant information available.
- **12.4 Mobility in soil**
- No further relevant information available.
- **12.5 Results of PBT and VPvB assessment**
- No further relevant information available.
- **12.6 Other adverse effects**
- No further relevant information available.

**SECTION 13: DISPOSAL CONSIDERATIONS**

- **13.1 Waste treatment methods**
- Dispose of contents/container in accordance with local/regional/national/international regulation. Empty containers can be recycled.

**SECTION 14: TRANSPORT INFORMATIONS**

- The product is subject to transport restrictions (ADR).

• <b>14.1 UN-Number</b>	
• <b>ADR, ADN, IMDG, IATA</b>	1814
• <b>14.2 UN proper shipping name</b>	
• <b>ADR, ADN, IMDG, IATA</b>	Potassiumhydroxide
• <b>14.3 Transport hazard class</b>	
• <b>ADR, ADN, IMDG, IATA, RID</b>	
• <b>Class</b>	80
• <b>14.4 Packing group</b>	
• <b>ADR, IMDG, IATA</b>	II
• <b>14.5 Environmental hazards:</b>	
• <b>Marine pollutant:</b>	No
• <b>14.6 Special precautions for user</b>	Not applicable



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• <b>14.7 Transport in bulk according to Annex II of</b>	
• <b>MARPOL73/78 and the IBC Code:</b>	<b>Not applicable</b>
• <b>Classification Code</b>	<b>C5</b>
• <b>Special Provisions</b>	<b>Not applicable</b>
• <b>Transport/Additional information:</b>	<b>Not dangerous according to the above specifications</b>
• <b>UN "Model Regulation":</b>	<b>-</b>

#### **SECTION 15: REGULATORY INFORMATIONS**

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- Regulation 648/2004 on detergents applies
- **15.2 Chemical safety assessment**
- No further relevant information available.

#### **SECTION 16: OTHER INFORMATIONS**

- **Use: Instructions for use are on the product label.**
- **Section 3 H phrases wording:**
- **H290** May be corrosive to metals
- **H302:** Harmful if swallowed
- **H314:** Causes severe skin burns and eye damage
- Abbreviations and acronyms:
- REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
- MARPOL: (from Marine Pollutant) International Convention for the Prevention of Marine Pollution from Ships
- IBC Code: Intern. Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
- UN: United Nations (also UNO: United Nations Organization)
- NOEC: No Observed Effect Concentration
- OECD: Organisation for Economic Co-operation and Development
- ASTM: American Society for Testing and Materials
- 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
- Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 1
- Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1
- The information included herein is based on current knowledge and experience.
- \* indicates an amendment from the previous version.