

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Praxy Intensivreiniger

Revision date: 23.04.2021

Page 1 of 10

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Praxy Intensivreiniger

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

Cleaning agent, alkaline

Uses advised against

No information available.

1.3. Details of the supplier of the safety data sheet

Company name: praxy GmbH
Street: Höltenweg 115
Place: D-48155 Münster
Telephone: +49 (0) 251-95203600
e-mail: info@praxy.de
Internet: www.praxy.de

1.4. Emergency telephone number:

+49(0)160-92250872

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

Hazard categories:

Skin corrosion/irritation: Skin Corr. 1

Serious eye damage/eye irritation: Eye Dam. 1

Hazard Statements:

Causes severe skin burns and eye damage.

Causes serious eye damage.

The classification as corrosive is due to the extreme pH.

2.2. Label elements**Regulation (EC) No. 1272/2008****Hazard components for labelling**

Amides, coco alkyl, N-(hydroxyethyl), ethoxylated

Alcohols, C9-11, ethoxylated

Kaliumhydroxidlösung

Signal word: Danger**Pictograms:****Hazard statements**

H314 Causes severe skin burns and eye damage.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P280 Wear protective gloves and eye/face protection.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Praxy Intensivreiniger

Revision date: 23.04.2021

Page 2 of 10

- P332+P313 If skin irritation occurs: Get medical advice/attention.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+P313 If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

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

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

| CAS No | Chemical name | | | Quantity |
|------------|---|--------------|----------|-----------|
| | EC No | Index No | REACH No | |
| | GHS Classification | | | |
| 5064-31-3 | trisodium nitrilotriacetate | | | 1 - < 5 % |
| | 225-768-6 | 607-620-00-6 | | |
| | Carc. 2, Acute Tox. 4, Eye Irrit. 2; H351 H302 H319 | | | |
| 68425-44-5 | Amides, coco alkyl, N-(hydroxyethyl), ethoxylated | | | 1 - < 5 % |
| | 500-211-2 | | | |
| | Eye Dam. 1; H318 | | | |
| 112-34-5 | 2-(2-Butoxyethoxy)ethanol | | | < 5 % |
| | 203-961-6 | 603-096-00-8 | | |
| | Eye Irrit. 2; H319 | | | |
| 68439-46-3 | Alcohols, C9-11, ethoxylated | | | 1 - < 5 % |
| | | | | |
| | Acute Tox. 4, Eye Dam. 1; H302 H318 | | | |
| 1310-58-3 | Kaliumhydroxidlösung | | | < 1 % |
| | 215-181-3 | 019-002-00-8 | | |
| | Acute Tox. 4, Skin Corr. 1A; H302 H314 | | | |

Full text of H and EUH statements: see section 16.

Specific concentration limits and M-factors

| CAS No | EC No | Chemical name | Quantity |
|-----------|---|-----------------------------|-----------|
| | Specific concentration limits and M-factors | | |
| 5064-31-3 | 225-768-6 | trisodium nitrilotriacetate | 1 - < 5 % |
| | Carc. 2; H351: >= 5 - 100 | | |
| 1310-58-3 | 215-181-3 | Kaliumhydroxidlösung | < 1 % |
| | Skin Corr. 1A; H314: >= 5 - 100 Skin Corr. 1B; H314: >= 2 - < 5 Skin Irrit. 2; H315: >= 0,5 - < 2 Eye Irrit. 2; H319: >= 0,5 - < 2 | | |

Further Information

Labelling for contents according to regulation (EC) No. 648/2004:
 < 5 % NTA, non-ionic surfactants.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Avoid contact with skin, eyes and clothes. Remove contaminated, saturated clothing immediately.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Praxy Intensivreiniger

Revision date: 23.04.2021

Page 3 of 10

After inhalation

No known symptoms to date.

After contact with skin

After contact with skin, wash immediately with: Water.

In case of skin irritation, seek medical treatment.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

After ingestion

Do NOT induce vomiting.

Let water be drunk in little sips (dilution effect).

Call a physician immediately.

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

No data available

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**Water spray jet / Foam / Carbon dioxide (CO₂) / Dry extinguishing powder / Extinguishing powder

Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media

High power water jet. High power water jet.

5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated:

Gas/vapours, harmful.

Gas/vapours, irritant.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

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

Suppress gases/vapours/mists with water spray jet.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Wear personal protection equipment.

High slip hazard because of leaking or spilled product.

Remove persons to safety.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. If the product contaminates lakes, rivers or sewers information in accordance with local laws, the appropriate authorities. Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Clean contaminated articles and floor according to the environmental legislation.

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

6.4. Reference to other sections

Personal protection equipment: see section 8

SECTION 7: Handling and storage

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Praxy Intensivreiniger

Revision date: 23.04.2021

Page 4 of 10

7.1. Precautions for safe handling

Advice on safe handling

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

Advice on protection against fire and explosion

The product is not: Combustible.

Further information on handling

Keep only in the original container.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep away from food, drink and animal feedingstuffs.
Store only in original container.

Further information on storage conditions

Keep container tightly closed.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

| CAS No | Substance | ppm | mg/m ³ | fibres/ml | Category | Origin |
|-----------|---------------------------|-----|-------------------|-----------|---------------|--------|
| 112-34-5 | 2-(2-Butoxyethoxy)ethanol | 10 | 67.5 | | TWA (8 h) | WEL |
| | | 15 | 101.2 | | STEL (15 min) | WEL |
| 1310-58-3 | Potassium hydroxide | - | 2 | | STEL (15 min) | WEL |

Additional advice on limit values

Observe in addition any national regulations!

8.2. Exposure controls



Protective and hygiene measures

Do not eat, drink, smoke or sneeze at the workplace.
Keep away from: food, feeding stuff

Eye/face protection

Suitable eye protection: Tightly sealed safety glasses.
German Industry Norms (DIN) / European Norms (EN): DIN EN 165

Hand protection

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.
Tested protective gloves are to be worn: German Industry Norms (DIN) / European Norms (EN): EN ISO 374
Suitable material: PE (polyethylene). NBR (Nitrile rubber).
Breakthrough times and swelling properties of the material must be taken into consideration.

Skin protection

For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes). Alkalies solid working clothes.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Praxy Intensivreiniger

Revision date: 23.04.2021

Page 5 of 10

Respiratory protection

Respiratory protection necessary at: exceeding exposure limit values

Suitable respiratory protective equipment: Full-/Half-/Quarter-Masks (DIN EN 136/140).

Environmental exposure controls

Do not allow uncontrolled leakage of product into the environment.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

| | |
|----------------------|------------------|
| Physical state: | liquid |
| Colour: | red |
| Odour: | product-specific |
| pH-Value (at 20 °C): | ca. 13.5 |

Changes in the physical state

| | |
|--|----------------|
| Melting point: | not determined |
| Initial boiling point and boiling range: | 95 °C |
| Sublimation point: | not determined |
| Softening point: | not determined |
| Flash point: | no relevant |

Explosive properties

not Explosive.

Oxidizing properties

Not combustible.

| | |
|---------------------|-------------|
| Vapour pressure: | no relevant |
| Vapour pressure: | no relevant |
| Density (at 20 °C): | 1,033 g/cm³ |

SECTION 10: Stability and reactivity**10.1. Reactivity**

Reacts with : Acid.

10.2. Chemical stability

The mixture is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

no data available

10.4. Conditions to avoid

Offering protection against frost.

10.5. Incompatible materials

no data available

10.6. Hazardous decomposition products

Thermal decomposition can lead to the escape of irritating gases and vapors.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Toxicokinetics, metabolism and distribution**

No data available

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Praxy Intensivreiniger

Revision date: 23.04.2021

Page 6 of 10

Acute toxicity

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

| CAS No | Chemical name | | | | |
|------------|------------------------------|-----------------|---------|--------|--------|
| | Exposure route | Dose | Species | Source | Method |
| 5064-31-3 | trisodium nitrilotriacetate | | | | |
| | oral | ATE 500 mg/kg | | | |
| 112-34-5 | 2-(2-Butoxyethoxy)ethanol | | | | |
| | oral | LD50 5660 mg/kg | Rat | | |
| | dermal | LD50 4120 mg/kg | Rabbit | | |
| 68439-46-3 | Alcohols, C9-11, ethoxylated | | | | |
| | oral | ATE 500 mg/kg | | | |
| 1310-58-3 | Kaliumhydroxidlösung | | | | |
| | oral | LD50 365 mg/kg | Rat | RTECS | |

Irritation and corrosivity

Causes severe skin burns and eye damage.

Causes serious eye damage.

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

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

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.

Specific effects in experiment on an animal

keine Daten vorhanden

Practical experience

Observations relevant to classification

no data available

Other observations

no data available

SECTION 12: Ecological information

12.1. Toxicity

There are no data available on the mixture itself.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Praxy Intensivreiniger

Revision date: 23.04.2021

Page 7 of 10

| CAS No | Chemical name | | | | | |
|-----------|---------------------------|---------------|-----------|---------|------------------|--------|
| | Aquatic toxicity | Dose | [h] [d] | Species | Source | Method |
| 112-34-5 | 2-(2-Butoxyethoxy)ethanol | | | | | |
| | Acute algae toxicity | ErC50 mg/l | > 100 | | Scenedesmus sp. | |
| | Acute crustacea toxicity | EC50 mg/l | > 100 | 48 h | Daphnia magna | |
| 1310-58-3 | Kaliumhydroxidlösung | | | | | |
| | Acute fish toxicity | LC50 | 80 mg/l | 96 h | Gambusia affinis | IUCLID |

12.2. Persistence and degradability

The surfactants contained in this mixture comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential

No indication of bio-accumulation potential.

Partition coefficient n-octanol/water

| CAS No | Chemical name | Log Pow |
|----------|---------------------------|-------------|
| 112-34-5 | 2-(2-Butoxyethoxy)ethanol | 0,56 (25°C) |

12.4. Mobility in soil

There are no data available on the mixture itself.

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

due to the alkaline character of the product, usually, it has to be neutralized before contaminated effluents are introduced into the waste water treatment system.

Further information

On the basis of existing data about disposal/decomposition and bio-accumulation potential, long term environmental damage is unlikely.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process. Dispose of waste according to applicable legislation.

List of Wastes Code - residues/unused products

200129 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents containing hazardous substances; hazardous waste

Contaminated packaging

Dispose of waste according to applicable legislation.
Non-contaminated packages must be recycled or disposed of.
Completely emptied packings can be re-cycled.
Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

Safety Data Sheet


according to Regulation (EC) No 1907/2006

Praxy Intensivreiniger

Revision date: 23.04.2021

Page 8 of 10


14.1. UN number: UN 1719
14.2. UN proper shipping name: CAUSTIC ALKALI LIQUID, N.O.S. (Contains: potassium hydroxide, Trinatriumnitilotriacetat)
14.3. Transport hazard class(es): 8
14.4. Packing group: III
 Hazard label: 8



Classification code: C5
 Special Provisions: 274
 Limited quantity: 5 L
 Excepted quantity: E1
 Transport category: 3
 Hazard No: 80
 Tunnel restriction code: E

Inland waterways transport (ADN)


14.1. UN number: UN 1719
14.2. UN proper shipping name: CAUSTIC ALKALI LIQUID, N.O.S. (Contains: potassium hydroxide, Trinatriumnitilotriacetat)
14.3. Transport hazard class(es): 8
14.4. Packing group: III
 Hazard label: 8



Classification code: C5
 Special Provisions: 274
 Limited quantity: 5 L
 Excepted quantity: E1

Marine transport (IMDG)

14.1. UN number: UN 1719
14.2. UN proper shipping name: CAUSTIC ALKALI LIQUID, N.O.S. (Contains: potassium hydroxide, nitrilotriacetic acid)
14.3. Transport hazard class(es): 8
14.4. Packing group: III
 Hazard label: 8



Special Provisions: 223, 274
 Limited quantity: 5 L
 Excepted quantity: E1
 EmS: F-A, S-B

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number: UN 1719

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Praxy Intensivreiniger

Revision date: 23.04.2021

Page 9 of 10

14.2. UN proper shipping name: CAUSTIC ALKALI LIQUID, N.O.S. (Contains: potassium hydroxide, nitrilotriacetic acid)

14.3. Transport hazard class(es): 8

14.4. Packing group: III

Hazard label: 8



Special Provisions: A3 A803

Limited quantity Passenger: 1 L

Passenger LQ: Y841

Excepted quantity: E1

IATA-packing instructions - Passenger: 852

IATA-max. quantity - Passenger: 5 L

IATA-packing instructions - Cargo: 856

IATA-max. quantity - Cargo: 60 L

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No-one

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

no relevant

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 55

2010/75/EU (VOC): 1,9 % (19,627 g/l)

2004/42/EC (VOC): 1,9 % (19,627 g/l)

Additional information

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

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

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

National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

Water hazard class (D): 1 - slightly hazardous to water

15.2. Chemical safety assessment

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

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 15.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Praxy Intensivreiniger

Revision date: 23.04.2021

Page 10 of 10

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

| Classification | Classification procedure |
|--------------------|--------------------------|
| Skin Corr. 1; H314 | On basis of test data |
| Eye Dam. 1; H318 | On basis of test data |

Relevant H and EUH statements (number and full text)

| | |
|------|--|
| H302 | Harmful if swallowed. |
| H314 | Causes severe skin burns and eye damage. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H351 | Suspected of causing cancer. |

Further Information

The processing and application notes are on the technical leaflets to the products. The details are based on today's stand of our knowledge, they don't represent any assurance of product qualities, however, and don't justify any contractual facts of the case.

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.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)