

**SAFETY DATA SHEET**

according to Regulation (EC) No. 1907/2006 (REACH)  
with its amendment Regulation (EU) 2015/830

Page: 1

Compilation date: 01.02.2012

Revision date: 26.10.2020

Revision No: 5.2

**Section 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier****Product name:** KLEEN PRO POWER STRIP NEUTRA**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of substance / mixture:** Basic cleaner for professional users**1.3. Details of the supplier of the safety data sheet****Company name:** KLEEN PURGATIS GmbH

Dieselstraße 10

32120 Hiddenhausen

Deutschland

**Tel:** +49 (0)5223 - 9970-40**Fax:** +49 (0)5223 - 9970-195**Email:** info@kleen-purgatis.de**1.4. Emergency telephone number****Emergency tel:** +49 (0)551 - 19240 (GIZ-Nord)**Section 2: Hazards identification****2.1. Classification of the substance or mixture****Classification under CLP:** Skin Irrit. 2: H315; Eye Irrit. 2: H319**Most important adverse effects:** Causes skin irritation. Causes serious eye irritation.**2.2. Label elements****Label elements:****Hazard statements:** H315: Causes skin irritation.

H319: Causes serious eye irritation.

**Hazard pictograms:** GHS07: Exclamation mark**Signal words:** Warning**Precautionary statements:** P102: Keep out of reach of children.

P264: Wash hands thoroughly after handling.

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.

**SAFETY DATA SHEET**  
KLEEN PRO POWER STRIP NEUTRA

Page: 2

P332+P313: If skin irritation occurs: Get medical advice/attention.

P301+P312: IF SWALLOWED: Call a POISON CENTRE / doctor if you feel unwell.

**2.3. Other hazards**

**PBT:** This product is not identified as a PBT/vPvB substance.

**Section 3: Composition/information on ingredients**

**3.2. Mixtures**

**Hazardous ingredients:**

2-PHENOXYETHANOL - REACH registered number(s): 01-2119488943-21-0000

EINECS	CAS	SCL	CLP Classification	Percent
204-589-7	122-99-6	-	Acute Tox. 4: H302; Eye Irrit. 2: H319	5-10%

3-BUTOXYPROPAN-2-OL - REACH registered number(s): 01-2119475527-28-0000

225-878-4	5131-66-8	-	Eye Irrit. 2: H319; Skin Irrit. 2: H315	5-10%
-----------	-----------	---	---	-------

ISOTRIDECANOL, ETHOXYLATED - REACH registered number(s): 01-2119976362-32-0000

500-241-6	69011-36-5	-	Eye Dam. 1: H318; Aquatic Chronic 3: H412	5-10%
-----------	------------	---	---	-------

2-BUTOXYETHANOL - REACH registered number(s): 01-2119475108-36-0000

203-905-0	111-76-2	-	Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Irrit. 2: H315	5-10%
-----------	----------	---	---	-------

2-(2-BUTOXYETHOXY)ETHANOL - REACH registered number(s): 01-2119475104-44-0000

203-961-6	112-34-5	-	Eye Irrit. 2: H319	5-10%
-----------	----------	---	--------------------	-------

SODIUM CUMENESULPHONATE - REACH registered number(s): 01-2119489411-37-0000

239-854-6	15763-76-5	-	Eye Irrit. 2: H319	1-5%
-----------	------------	---	--------------------	------

2-AMINOETHANOL - REACH registered number(s): 01-2119486455-28-0000

205-483-3	141-43-5	-	Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Skin Corr. 1B: H314	1-5%
-----------	----------	---	---	------

**Section 4: First aid measures**

**4.1. Description of first aid measures**

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Wash out mouth with water. If conscious, give half a litre of water to drink immediately.  
Consult a doctor.

**Inhalation:** Move affected person into fresh air. In case of respiratory tract irritation, consult a physician.

[cont...]

**SAFETY DATA SHEET**  
KLEEN PRO POWER STRIP NEUTRA

Page: 3

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

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Immediate effects can be expected after long-term exposure.

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

**Immediate / special treatment:** Show this safety data sheet to the doctor in attendance.

**Section 5: Fire-fighting measures**

**5.1. Extinguishing media**

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Extinguishing media which must not be used for safety reasons: Not applicable.

**5.2. Special hazards arising from the substance or mixture**

**Exposure hazards:** Not applicable.

**5.3. Advice for fire-fighters**

**Advice for fire-fighters:** Wear protective clothing to prevent contact with skin and eyes. Prevent the extinguishing water into surface water or groundwater.

**Section 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions:** Refer to section 8 of SDS for personal protection details.

**6.2. Environmental precautions**

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

**6.3. Methods and material for containment and cleaning up**

**Clean-up procedures:** Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Refer to section 13 of SDS for suitable method of disposal.

**6.4. Reference to other sections**

**Reference to other sections:** Refer to section 8 of SDS.

**Section 7: Handling and storage**

**7.1. Precautions for safe handling**

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.

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

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed. Keep away from food, drink and animal feedingstuffs. Storage class: 12 (Non-combustible liquids)

**Suitable packaging:** Must only be kept in original packaging.

[cont...]

**SAFETY DATA SHEET**  
KLEEN PRO POWER STRIP NEUTRA

Page: 4

**7.3. Specific end use(s)**

Specific end use(s): GISCODE: GG60

**Section 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Hazardous ingredients:**

**2-PHENOXYETHANOL**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	110 mg/m <sup>3</sup>	110 mg/m <sup>3</sup>	-	-

**2-BUTOXYETHANOL**

UK	25 ppm	50 ppm	-	-
----	--------	--------	---	---

**2-(2-BUTOXYETHOXY)ETHANOL**

UK	67.5 mg/m <sup>3</sup>	101.2 mg/m <sup>3</sup>	-	-
----	------------------------	-------------------------	---	---

**2-AMINOETHANOL**

UK	2.5 mg/m <sup>3</sup>	7.6 mg/m <sup>3</sup>	-	-
----	-----------------------	-----------------------	---	---

**\*DNEL/PNEC Values**

**Hazardous ingredients:**

**2-BUTOXYETHANOL**

Type	Exposure	Value	Population	Effect
DNEL	Inhalation (repeated dose)	98 mg/m <sup>3</sup>	Workers	Systemic
DNEL	Dermal (repeated dose)	75 mg/kg	Workers	Systemic
DNEL	Oral (repeated dose)	3,2 mg/kg	Consumers	Systemic
DNEL	Oral, akut	13,4 mg/kg	Consumers	Systemic
DNEL	Inhalativ, akut	426 mg/m <sup>3</sup>	Consumers	Systemic
PNEC	Fresh water	8,8 mg/l	-	-
PNEC	Marine water	0,88 mg/l	-	-
PNEC	Soil (agricultural)	2,8 mg/kg	-	-
PNEC	Microorganisms in sewage treatment	463 mg/l	-	-

**NATRIUMCUMOLSULFONAT - SODIUM CUMENESULPHONATE**

Type	Exposure	Value	Population	Effect
DNEL	Dermal (repeated dose)	136,25 mg/kg	Workers	Systemic
DNEL	Inhalation (repeated dose)	26,9 mg/m <sup>3</sup>	Workers	Systemic

[cont...]

**SAFETY DATA SHEET**  
KLEEN PRO POWER STRIP NEUTRA

Page: 5

DNEL	Oral (repeated dose)	3,8 mg/kg	Consumers	Systemic
PNEC	Fresh water	0,23 mg/l	-	-
PNEC	Marine water	0,023 mg/l	-	-
PNEC	Microorganisms in sewage treatment	100 mg/l	-	-

**2-AMINOETHANOL**

Type	Exposure	Value	Population	Effect
DNEL	Inhalation (repeated dose)	3,3 mg/m <sup>3</sup>	Workers	Local
DNEL	Dermal (repeated dose)	1mg/kg	Workers	Systemic
DNEL	Inhalation (repeated dose)	2 mg/m <sup>3</sup>	Population	Local
DNEL	Dermal (repeated dose)	0,24 mg/kg	Population	Systemic
DNEL	Oral (repeated dose)	3,75 mg/kg	Population	Systemic
PNEC	Fresh water	0,085 mg/l	-	-
PNEC	Marine water	0,009 mg/l	-	-
PNEC	Soil (agricultural)	0,037 mg/kg	-	-

**8.2. Exposure controls**

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Wear chemical-resistant disposable protective gloves according to EN 374. Suitable material: NR (natural rubber), CR (polychloroprene) or NBR (nitrile rubber), category III according to EN 374. 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. Breakthrough time (maximal wear duration): Wear duration with occasional contact, splashes (Level 2: < 30 min): Disposable-gloves, Thickness of the material 0,1mm. Wear duration with permanent contact (Level 6: < 480min): Protective gloves, Thickness of the glove material 0,7 mm. Breakthrough times and swelling properties of the material must be taken into consideration.

**Eye protection:** Safety glasses with side-shields. Ensure eye bath is to hand.

**Skin protection:** Not applicable.

**Environmental:** No special requirement.

**Section 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

**State:** Liquid

**Colour:** Colourless

**Odour:** Characteristic odour

**Oxidising:** Non-oxidising (by EC criteria)

**Solubility in water:** Miscible

**Viscosity:** Non-viscous

[cont...]

**SAFETY DATA SHEET**  
KLEEN PRO POWER STRIP NEUTRA

Page: 6

**Boiling point/range°C:** No data available.

**Melting point/range°C:** Not applicable.

**Flammability limits %: lower:** No data available.

**upper:** No data available.

**Flash point°C:** No data available.

**Part.coeff. n-octanol/water:** No data available.

**Autoflammability°C:** No data available.

**Vapour pressure:** No data available.

**Relative density:** 1,007 g/ml

**pH:** 11

**VOC g/l:** 31%

**9.2. Other information**

**Other information:** No data available.

**Section 10: Stability and reactivity**

**10.1. Reactivity**

**Reactivity:** Stable under recommended transport or storage conditions.

**10.2. Chemical stability**

**Chemical stability:** Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

**10.4. Conditions to avoid**

**Conditions to avoid:** No hazardous decomposition products if stored and handled as prescribed.

**10.5. Incompatible materials**

**Materials to avoid:** None known

**10.6. Hazardous decomposition products**

**Haz. decomp. products:** No hazardous decomposition products known.

**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

**Hazardous ingredients:**

**2-PHENOXYETHANOL**

ORL	MUS	LD50	933	mg/kg
ORL	RAT	LD50	1260	mg/kg
SKN	RAT	LD50	14422	mg/kg

**3-BUTOXYPROPAN-2-OL**

SKN	RBT	LD50	3100	mg/kg
-----	-----	------	------	-------

[cont...]

**SAFETY DATA SHEET**  
KLEEN PRO POWER STRIP NEUTRA

Page: 7

**ISOTRIDECANOL, ETHOXYLATED**

ORL	RAT	LD50	>2000	mg/kg
-----	-----	------	-------	-------

**2-BUTOXYETHANOL**

DERMAL	RBT	LD50	400	mg/kg
VAPOURS	RAT	4H LC50	1-5	mg/l

**2-(2-BUTOXYETHOXY)ETHANOL**

ORL	MUS	LD50	6050	mg/kg
ORL	RAT	LD50	4500	mg/kg

**2-AMINOETHANOL**

IVN	RAT	LD50	225	mg/kg
ORL	MUS	LD50	700	mg/kg
ORL	RAT	LD50	1720	mg/kg
SCU	RAT	LD50	1500	mg/kg

**Toxicity values:** No data available.

**Symptoms / routes of exposure**

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Immediate effects can be expected after long-term exposure.

**Section 12: Ecological information**

**12.1. Toxicity**

**Hazardous ingredients:**

**2-BUTOXYETHANOL**

Daphnia magna	24H EC50	1800	mg/l
Oncorhynchus mykiss	96H LC50	1700	mg/l
Selenastrum capricornutum	72H EC50	911	mg/l

**SODIUM CUMENESULPHONATE**

Oncorhynchus mykiss	96H LC50	>100	mg/l
---------------------	----------	------	------

**12.2. Persistence and degradability**

**Persistence and degradability:** The surfactant(s) contained in this preparation complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

[cont...]

**SAFETY DATA SHEET**  
KLEEN PRO POWER STRIP NEUTRA

Page: 8

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No data available.

**12.4. Mobility in soil**

**Mobility:** no data available.

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

**PBT identification:** This product is not identified as a PBT/vPvB substance.

**12.6. Other adverse effects**

**Other adverse effects:** Negligible ecotoxicity.

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal operations:** Dispose of waste according to applicable local, state and federal regulations.

**Disposal of packaging:** May be reused following decontamination.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**Section 14: Transport information**

**Transport class:** This product does not require a classification for transport.

**Section 15: Regulatory information**

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

**\*Specific regulations:** Ingredients according to Regulation (EC) No 648/2004:  
<5% non-ionic surfactants, anionic surfactants

**15.2. Chemical Safety Assessment**

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

**Section 16: Other information**

**Other information**

**Other information:** according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

\* indicates text in the SDS which has changed since the last revision.

Data references: Safety data sheets from our raw material suppliers.

Department issuing MSDS: Product Development Department;

Contact: Mrs. Klumpe, Mr. Rethmeier

**Classification for mixtures and used evaluation method according to Article 9 of regulation (EC) 1272/2008 [CLP]:**

Calculation method

[cont...]

**SAFETY DATA SHEET**  
KLEEN PRO POWER STRIP NEUTRA

Page: 9

**Phrases used in s.2 and s.3:** H302: Harmful if swallowed.  
H312: Harmful in contact with skin.  
H314: Causes severe skin burns and eye damage.  
H315: Causes skin irritation.  
H318: Causes serious eye damage.  
H319: Causes serious eye irritation.  
H332: Harmful if inhaled.  
H412: Harmful to aquatic life with long lasting effects.

**Legal disclaimer:** The above information is believed to be correct. This company shall not be held liable for any damage resulting from handling or from contact with the above product.