



SAFETY DATA SHEET

in accordance with Commission Regulation (EU) No.1907/2006

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Compilation date: 09.09.2010

Revision date: 09.02.2017

Revision No: 4.1

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

1.1. Product identifier

Product name: KLEEN CATERING PURINA APPLICATION-FINISHED SOLUTION

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

Use of substance / mixture: Fat Solvent for professional users

1.3. Details of the supplier of the safety data sheet

Company name: KLEEN PURGATIS GmbH

Dieselstraße 10

D - 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 under CLP:

Hazard statements: H315: Causes skin irritation.

H319: Causes serious eye irritation.

Signal words: Warning

Hazard pictograms: GHS07: Exclamation mark



Precautionary statements: P102: Keep out of reach of children.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+313: If eye irritation persists: Get medical advice.

P302+352: IF ON SKIN: Wash with plenty of soap and water.

[cont...]

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P332+313: If skin irritation occurs: Get medical advice.

P301+312: IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.

2.3. Other hazards

PBT: This substance is not identified as a PBT substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

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

EINECS	CAS	CLP Classification	Percent
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	1-5%

NATRIUMCUMENE SULFONATE

EINECS	CAS	CLP Classification	Percent
248-983-7	28348-53-0	Eye Irrit. 2: H319	1-5%

FATTY ALCOHOL ETHOXYLATE - REACH registered number(s): 01-2119487984-16-0000

EINECS	CAS	CLP Classification	Percent
-	68439-50-9	Acute Tox. 4: H302; Eye Dam. 1: H318; Aquatic Chronic 3: H412	1-5%

POTASSIUM HYDROXIDE - REACH registered number(s): 01-2119487136-33-0000

EINECS	CAS	CLP Classification	Percent
215-181-3	1310-58-3	Acute Tox. 4: H302; Skin Corr. 1A: H314	<1%

SODIUM HYDROXIDE - REACH registered number(s): 01-2119457892-27-0000

EINECS	CAS	CLP Classification	Percent
215-185-5	1310-73-2	Skin Corr. 1A: H314	<1%

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water. Remove contaminated, saturated clothing immediately.

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

Ingestion: Rinse mouth immediately and drink plenty of water. Do not induce vomiting. Consult a doctor.

Inhalation: Provide fresh air.

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: Exposure may cause coughing or wheezing.

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

[cont...]

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

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

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 self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

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. Provide adequate ventilation.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

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). Wash with plenty of water. 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 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. Do not use aluminium containers.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

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Hazardous ingredients:

2-BUTOXYETHANOL

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	25 ppm	50 ppm	-	-

POTASSIUM HYDROXIDE

UK	-	2 mg/m3	-	-
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SODIUM HYDROXIDE

UK	-	2 mg/m3	-	-
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8.2. Exposure controls

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

Respiratory protection: Respiratory protection not required.

Hand protection: Not applicable.

Eye protection: Avoid contact with eyes.

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: Yellow-green

Odour: fresh

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Miscible

Viscosity: Non-viscous

Boiling point/range°C: No data available.

Melting point/range°C: Not applicable.

Flammability limits %: lower: Not applicable.

upper: Not applicable.

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: 1,02 g/ml

pH: 13

VOC g/l: 4,35%

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.

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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-BUTOXYETHANOL

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

FATTY ALCOHOL ETHOXYLATE

ORL	RAT	LD50	>300 - <2000	mg/kg
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POTASSIUM HYDROXIDE

ORL	RAT	LD50	273	mg/kg
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SODIUM HYDROXIDE

IPR	MUS	LD50	40	mg/kg
ORL	RBT	LDLO	500	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: Exposure may cause coughing or wheezing.

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

[cont...]

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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

FATTY ALCOHOL ETHOXYLATE

FISCH	LC50	>1-<=10	mg/l
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SODIUM HYDROXIDE

Daphnia magna	24H EC50	76	mg/l
Gambusia affinis	96H LC50	125	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.

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 substance is not identified as a PBT substance.

12.6. Other adverse effects

Other adverse effects: The product has not been tested. Data apply to the components with the highest toxicological risk.

Section 13: Disposal considerations

13.1. Waste treatment methods

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

Waste code number: 20 01 29

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.

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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

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: This safety data sheet is prepared in accordance with Commission Regulation (EU) No. 1907/2006.

* 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: Ms. Tiemann, Ms. Klumpe

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

Calculation method

Phrases used in s.2 and 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.