

SAFETY DATA SHEET

KITCHEN CLEANER

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Compilation date:01/04/2009

Revision date:22/01/2015

Revision No:5

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

1.1. Product identifier

Product name: KITCHEN CLEANER

Product code:219

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

Use of substance / mixture:PC8: Biocidal products (e.g. Disinfectants, pest control).

1.3. Details of the supplier of the safety data sheet

Company name: Essential Supplies Ltd

Unit 10 Millway

Old Mill Lane Industrial Estate

Mansfield Woodhouse

Nottinghamshire

NG19 9BG

United Kingdom

Tel: 01623 646 000

01157 080 255

Email: sales@esl-online.co.uk

1.4. Emergency telephone number

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP:Eye Dam. 1: H318; Skin Irrit. 2: H315

Most important adverse effects:Causes skin irritation. Causes serious eye damage.

2.2. Label elements

Label elements:

Hazard statements:H315: Causes skin irritation.

H318: Causes serious eye damage.

Signal words:Danger

Hazard pictograms:GHS05: Corrosion



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

P264: Wash hands thoroughly after handling.

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P280: Wear eye protection.

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 attention.

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

P362: Take off contaminated clothing.

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:

EINECS	CAS	PBT / WEL	CLP Classification	Percent
-	69011-36-5	-	Acute Tox. 4: H302; Eye Dam. 1: H318	1-10%
3 - BUTOXYPROPAN - 2 - OL				
225-878-4	005131-66-8	-	Skin Irrit. 2: H315; Eye Irrit. 2: H319	1-10%
2-(2-BUTOXYETHOXY)ETHANOL				
203-961-6	112-34-5	-	Eye Irrit. 2: H319	1-10%
2-AMINOETHANOL				
205-483-3	141-43-5	-	Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Skin Corr. 1B: H314	1-10%
QUATERNARY AMMONIUM COMPOUNDS, BENZYL (C12-C16)ALKYL DIMETHYL CHLORIDES				
270-325-2	68424-85-1	-	Met. Corr. 1: H290; Skin Corr. 1B: H314; Eye Dam. 1: H318; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Acute Tox. 4: H302	<1%
ALCOHOLS, C12-C14, ETHOXYLATED				
POLYMER	68439-50-9	-	Aquatic Acute 1: H400; Eye Dam. 1: H318	<1%

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact:Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

Eye contact:Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion:Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.



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Inhalation:Remove casualty from exposure ensuring one's own safety whilst doing so.

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 pain and redness. The eyes may water profusely. There may be severe pain.
The vision may become blurred.

Ingestion:There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

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 short-term exposure.

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

Immediate / special treatment:Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media:Water.

5.2. Special hazards arising from the substance or mixture

Exposure hazards:In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

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. Turn leaking containers leak-side up to prevent the escape of liquid.

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:Transfer to a suitable container.

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.

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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions:Store in a cool, well ventilated area.

Suitable packaging:Stainless steel. Polyethylene.

7.3. Specific end use(s)

Specific end use(s):No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

2-(2-BUTOXYETHOXY)ETHANOL

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	67.5 mg/m3	101.2 mg/m3	--	--

2-AMINOETHANOL

UK	7.6 mg/m3	15 mg/m3	--	--
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DNEL/PNEC Values

DNEL / PNECNo data available.

8.2. Exposure controls

Respiratory protection:Respiratory protection not required.

Hand protection:Impermeable gloves. Rubber gloves. Gloves (alkali-resistant).

Eye protection:Safety glasses with side-shields.

Skin protection:Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State:Liquid

Colour:Colourless

Odour:Characteristic odour

Evaporation rate:Not applicable.

Oxidising:Not applicable.

Solubility in water:Soluble

Viscosity:Non-viscous

Boiling point/range°C:100

Flammability limits %: lower:Not applicable.

Flash point°C:Not applicable.

Autoflammability°C:Not applicable.

Relative density:0.98 - 1.08

VOC g/l:30

Melting point/range°C:0

upper:Not applicable.

Part.coeff. n-octanol/water:Not applicable.

Vapour pressure:Not applicable.

pH:11.4

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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.

10.4. Conditions to avoid

10.5. Incompatible materials

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

ISOTRIDECANOLETHOXYLATE, POLYMER (8 MOLE EO AVERAGE)

ORAL	RAT	LD50	500-2000	mg/kg
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3 - BUTOXYPROPAN - 2 - OL

ORAL	RAT	LD50	2700	mg/kg
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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

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QUATERNARY AMMONIUM COMPOUNDS, BENZYL (C12-C16)ALKYL DIMETHYL CHLORIDES

ORAL	RAT	LD50	795 mg/kg
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ALCOHOLS, C12-C14, ETHOXYLATED

ORL	RAT	LD50	>5000 mg/kg
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Relevant hazards for substance:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

Symptoms / routes of exposure

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

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain.

The vision may become blurred.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

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 short-term exposure.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

ISOTRIDECANOLETHOXYLATE, POLYMER(8 MOLE EO AVERAGE)

	96H LC50	1-10 mg/l	
FISH			

3 - BUTOXYPROPAN - 2 - OL

	48H EC50	>1000 mg/l	
-	96H LC50	560-1000 mg/l	
GUPPIES			

QUATERNARY AMMONIUM COMPOUNDS, BENZYL (C12-C16)ALKYL DIMETHYL CHLORIDES

Daphnia magna	48H EC50	.016 mg/l	
GREEN ALGA (<i>Selenastrum capricornutum</i>)	72H ErC50	.026 mg/l	
RAINBOW TROUT (<i>Oncorhynchus mykiss</i>)	96H LC50	.85 mg/l	

ALCOHOLS, C12-C14, ETHOXYLATED

	48H EC50	>1-<=10 mg/l	
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-	48H EC50	>100	mg/l
-	96H LC50	>1-<=10	mg/l
-	96H LC50	>1-<=10	mg/l

12.2. Persistence and degradability

Persistence and degradability:Biodegradable. The surfactants contained in this preparation comply with the biodegradability criteria as laid down in regulation (EC) No.648/2004 on detergents.

12.3. Bioaccumulative potential

Bioaccumulative potential:No bioaccumulation potential.

12.4. Mobility in soil

Mobility:Soluble in water.

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

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal of packaging:Dispose of as normal industrial waste.

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

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 453/2010.

Phrases used in s.2 and s.3:H290: May be corrosive to metals.

H302: Harmful if swallowed.

H312: Harmful in contact with skin.

H314: Causes severe skin burns and eye damage.

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H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.