



SAFETY DATA SHEET
MINIML MULTI-SURFACE CLEANER

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Compilation date: 24/09/2020

Revision No: 1

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

1.1. Product identifier

Product name: Miniml Multi-Surface Cleaner

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

Use of substance / mixture: Detergent

1.3. Details of the supplier of the safety data sheet

Company name: The Friendly Chemical Co Limited

Unit 3, Parkwood Business Park

Parkwood Street, Keighley

West Yorkshire

BD21 4WD

United Kingdom

Tel: + 44 1535 509 003

Email: hello@thefriendlychemicalco.com

1.4. Emergency telephone number

Emergency tel: + 44 1535 509 003

(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Eye Irrit. 2: H319

Most important adverse effects: Causes serious eye irritation.

2.2. Label elements

Label elements:

Hazard statements: H319: Causes serious eye irritation.

Hazard pictograms: GHS07: Exclamation mark



Signal words: Warning

Precautionary statements: P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P102: Keep out of reach of children.

P103: Read label before use.

[cont...]

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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:

LACTIC ACID

EINECS	CAS	PBT / WEL	CLP Classification	Percent
201-196-2	79-33-4	-	Skin Irrit. 2: H315; Eye Dam. 1: H318	1-5%

ALCOHOLS,C9-C11 ETHOXYLATED

-	68439-46-3	-	Acute Tox. 4: H302; Eye Dam. 1: H318	1-5%
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AMINES,C12-14-ALKYLDIMETHYL,N-OXIDES

931-292-6	308062-28-4	-	Eye Dam. 1: H318; Acute Tox. 4: H302; Aquatic Acute 1: H400; Aquatic Chronic 2: H411; Skin Irrit. 2: H315	<1%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Considered to be a non irritant but if symptoms occur seek medical advice

Eye contact: Bathe the eye with running water for 15 minutes. Seek medical attention if irritation or symptoms persist

Ingestion: Considered non hazardous by ingestion

Inhalation: Not applicable.

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

Skin contact: There may be mild irritation 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. May cause permanent damage.

Ingestion: Not applicable.

Inhalation: Not applicable.

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: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

[cont...]

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5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

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: Turn leaking containers leak-side up to prevent the escape of liquid. Surfaces contaminated with the product will become slippery.

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 into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

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 contact with eyes, keep away from children Adopt manual Handling Practices

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

Hazardous ingredients:

[cont...]

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AMINES,C12-14-ALKYLDIMETHYL,N-OXIDES

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	6.2mg/m3	Workers	Systemic
DNEL	Dermal	11mg/kg/day	Workers	Systemic
DNEL	Inhalation long term exposure	1.53mg/m3	General Population	Systemic
DNEL	Dermal long term exposure	5.5mg/kg/day	General Population	Systemic
DNEL	oral long term exposure	0.44mg/kg/day	General Population	Systemic
PNEC	Fresh water	0.0335 mg/l	-	-
PNEC	Marine water	0.00335 mg/l	-	-
PNEC	intermittent release	0.0335 mg/l	-	-
PNEC	Fresh water sediments	5.24 mg/kg	-	-
PNEC	Marine sediments	0.524 mg/kg	-	-
PNEC	Soil (agricultural)	1.02 mg/kg	-	-
PNEC	sewage treatment plant	24 mg/kg	-	-

8.2. Exposure controls

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

Respiratory protection: None required if adequate air flow is maintained. If exposure limits are encountered respiratory protection has to be available.

Hand protection: Under normal use wash hands with water.

Eye protection: In case of splash injury wear appropriate safety goggles/eye protection

Skin protection: Classified as a non-hazardous product so protective clothing is optional, for factory situation where large quantities are dispensed wearing of protective clothing is advised.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Clear

Odour: Characteristic odour

Evaporation rate: No data available.

Oxidising: No data available.

Solubility in water: Soluble

Boiling point/range°C: No data available.

Melting point/range°C: No data available.

Flammability limits %: lower: No data available.

upper: No data available.

Flash point°C: >93

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

Autoflammability°C: No data available.

Vapour pressure: No data available.

Relative density: No data available.

pH: 2.5-4

VOC g/l: No data available.

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

10.4. Conditions to avoid

Conditions to avoid: Heat. Freezing

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids. Strong bases.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

LACTIC ACID

DERMAL	RBT	LD50	2000	mg/kg
ORAL	RAT	LD50	3730	mg/kg

ALCOHOLS,C9-C11 ETHOXYLATED

DERMAL	-	LD50	>2000	mg/kg
ORAL	-	LD50	>300-<2000	mg/kg

AMINES,C12-14-ALKYLDIMETHYL,N-OXIDES

ORAL	RAT	LD50	1064	mg/kg
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Relevant hazards for product:

Hazard	Route	Basis
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Serious eye damage/irritation	OPT	Hazardous: calculated
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Symptoms / routes of exposure

Skin contact: There may be mild irritation 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. May cause permanent damage.

Ingestion: Not applicable.

Inhalation: Not applicable.

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

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

LACTIC ACID

ALGAE	72H IC50	3.5	mg/l
Daphnia magna	48H EC50	240	mg/l
ZEBRAFISH (Brachydanio rerio)	96H LC50	320	mg/l

ALCOHOLS,C9-C11 ETHOXYLATED

ALGAE	72H IC50	>10-<=100	mg/l
FISH	72H IC50	>10-<=100	mg/l

AMINES,C12-14-ALKYLDIMETHYL,N-OXIDES

ALGAE	72H IC50	0.143	mg/l
ALGAE	NOEC	0.067	mg/l
Daphnia magna	48H EC50	3.1	mg/l
FISH	96H LC50	2.67	mg/l

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

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

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12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

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: Not applicable.

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.

Phrases used in s.2 and s.3: H302: Harmful if swallowed.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

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.