

SAFETY DATA SHEET

Mykal High Performance Degreaser

This Safety Data Sheet contains information concerning the potential risks to those involved in handling, transporting and working with the material, as well as describing potential risks to the consumer and the environment. This information must be made available to those who may come into contact with the material or are responsible for the use of the material. This Safety Data Sheet is prepared in accordance with formatting described in the REACH Regulation (EC) No 1907/2006, and described in CLP Regulation (EC) No 1272/2008 and their subsequent amendments, and complies with UK requirements.

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

1.1 Product identifier Mykal High Performance Degreaser
[Product name]

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

Identified uses	Wet-wipe for degreasing surfaces containing the cleaning fluid described in this SDS
Uses advised against	None

1.2 Details of the supplier of the safety data sheet

Made for Auto Clover by Guardpack 5 Bilton Road Chelmsford Essex CM1 2UP Tel: 01245 505807 Fax: 01245 358786

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Asp. Tox. 1	H304 May be fatal if swallowed and enters airways
Skin Irrit. 2	H315 Causes skin irritation
Skin Sens. 1	H317 May cause an allergic skin reaction.
Aquatic Chronic 3	H412 Harmful to aquatic life with long lasting effects

2.2 Label elements



Signal word	Danger
Hazard statements	H304 May be fatal if swallowed and enters airways. H317 May cause an allergic skin reaction. H315 Causes skin irritation H412 Harmful to aquatic life with long lasting effects EUH066 Repeated exposure may cause skin dryness or cracking
Precautionary statements	P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P280 Wear protective gloves/protective clothing/eye protection/face protection. P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P302+P352 IF ON SKIN: Wash with plenty of water.
P501 Dispose of contents/container in accordance with local/regional/
national/international regulations.

2.3 Other hazards

No other hazards. None of the components are considered to be PBT, PMT, vPvB or vPvM
None of the substances are known to have endocrine system toxicity
Contains no nano-materials

SECTION 3: Composition

3.1 Substances

Not applicable. Material is a mixture.

3.2 Mixtures

Name	CAS No EC No,	% w/w (fluid)	Classification
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	No CAS EC 926-141-6	>75 %	Asp. Tox. 1, H304 EUH066
(R)-p-mentha-1,8-diene	CAS 5989-27-5 EC 227-813-5	10 - 25 %	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Myrcene	CAS 123-35-3 EC 204-622-5	< 1%	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
2,6-di-tert-butyl-p-cresol	CAS 128-37-0 EC 204-881-4	< 0.25%	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Other low-hazard substances		To 100%	

See section 16 for full description of H statements.

SECTION 4: First Aid Measures

4.1 Description of first aid measures

EYE CONTACT: Wash thoroughly with water for at least 15 minute and obtain medical attention if signs of discomfort.

INHALATION: Remove from exposure. If breathing becomes difficult seek medical attention.

SKIN CONTACT: Wash off with soap and water and change heavily soiled clothing. Seek medical attention if persistent signs of discomfort

INGESTION: If liquid swallowed, rinse mouth with water and drink up to 200 ml water. Keep victim in upright position. Seek medical attention if feeling unwell. DO NOT INDUCE VOMITTING.

4.2 Most important symptoms and effects, both acute and delayed

EYE CONTACT: Will cause stinging and potential for prolonged discomfort if no immediate first aid

INHALATION: No known direct hazards from vapour, but if liquid enters the lungs, may be fatal.

SKIN CONTACT: Has potential to cause irritation and discomfort if not washed off immediately. May provoke allergic reaction

INGESTION: May cause local discomfort to the mouth and gastro-intestinal tract if no immediate rinsing of the mouth.

4.3 Indication of any immediate medical attention and special treatments needed

Symptomatic treatment as required for irritant material. DO NOT INDUCE VOMITTING.

SECTION 5: Firefighting Measures

5.1 Extinguishing media

The material is not flammable, but liquid may support combustion. Use extinguishing media suitable for hydrocarbons, such as carbon dioxide and chemical foam. Do not use water.

5.2 Special hazards arising from the substance or mixture

No specific hazards.

5.3 Advice for fire fighters

No specific hazards

SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet suitable for hydrocarbons, such as chemical resistant gloves and eye protection.

6.2 Environmental precautions

Avoid release of liquid to surface water or drains

6.3 Methods and materials for containment and clearing up

Absorb in vermiculite, dry sand or earth and place into containers for disposal as low hazard waste.

6.4 References to other sections

Protective clothing as described in Section 8 of this safety data sheet. For waste disposal, see section 13.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Avoid unnecessary or prolonged contact with skin. Wash hands after handling.

7.2 Conditions for safe storage, including any incompatibilities

Store in properly closed, original container.

7.3 Specific end uses(s)

Textile, Leather or Paper industry process additive. Industrial chemical process additive.

SECTION 8. Exposure Controls/Personal Protection

8.1 Control parameters

No specific exposure limits. DNELs for the key ingredients suggest low level of systemic toxicity

8.2 Exposure controls

Engineering controls

Avoid unnecessary contact. Ensure good ventilation of 3 -5 air exchanges per hour.

Respiratory protection

Not considered necessary

Hand Protection

Chemical protective gloves suitable for hydrocarbons are recommended.

Material of glove: Nitrile rubber, PVA
Glove manufacturer instructions and product claims must be read.

Eye protection

Chemical splash goggles when handling liquid.

Skin protection

Wear apron or protective coveralls in case of repeated use where contact with liquid is likely.

Environmental Exposure Controls

Avoid release of liquid to drains or surface water

SECTION 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

- a) **Physical state**
Mobile liquid absorbed onto wipe.
The physical and chemical properties below describe the liquid
- b) **Colour**
Colourless
- c) **Odour**
Sweet, kerosene
- d) **Melting point/freezing point**
Freezing < 0 C
- e) **Boiling point or initial boiling point and boiling range**
Boiling > 100 C
- f) **Flammability**
Will support combustion
- g) **Lower and upper explosion limit**
Not applicable; not considered potentially explosive
- h) **Flash point**
Flashpoint > 67 C. Will support combustion
- i) **Auto-ignition temperature**
Will not combust
- j) **Decomposition temperature**
Stable to > 100 C
- k) **pH**
Not applicable for hydrocarbons
- l) **Dynamic viscosity**
2 mPas
- m) **Solubility**
Estimated < 1 mg/l
- n) **Partition coefficient n-octanol/water (log value)**
None of the components are considered accumulative
- o) **Vapour pressure**
Estimated 2.3 hPa at 25 C
- p) **Density and/or relative density**
Relative density 0.8
- q) **Relative vapour density**
Not applicable
- r) **Particle characteristics**
Liquid

9.2 Other information

Contains volatile organic compounds

9.2.1 Information with regard to physical hazard classes

No physical hazard classification

9.2.2 Other safety characteristics

No other safety concerns

SECTION 10: Stability and Reactivity

10.1 Reactivity

Not considered to be dangerously reactive

10.2 Chemical stability

Stable under normal conditions of storage and use

10.3 Possibility of hazardous reactions

May react with strong oxidising agents. Not otherwise dangerously reactive

10.4 Conditions to avoid

No specific conditions

10.5 Incompatible materials

Avoid contact with strong oxidising agents

10.6 Hazardous decomposition products

No specific hazardous decomposition products.

SECTION 11: Toxicological Information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

This product has not been tested. Judgements on the expected toxicity of this product have been made based upon consideration of its major components.

(a) acute toxicity	Based on available data, the classification criteria are not met Estimated ATE > 5000 mg/kg
(b) skin corrosion/irritation	Based on the ingredients, classified as Skin Irritant. May cause irritation to skin and may cause drying and cracking of skin in case of prolonged contact
(c) serious eye damage/irritation	Based on available data, the classification criteria are not met May cause discomfort if contact with eyes
(d) respiratory/skin sensitisation	Based on the ingredients, the product may cause an allergic skin reaction
(e) germ cell mutagenicity	Based on available data, the classification criteria are not met None of the components are considered to be mutagenic
(f) carcinogenicity	Based on available data, the classification criteria are not met None of the components are considered to be potential carcinogens
(g) reproductive toxicity	Based on available data, the classification criteria are not met None of the components are considered to be toxic for reproduction
(h) STOT-single exposure	Based on available data, the classification criteria are not met None of the components are considered to damage organs
(i) STOT-repeated exposure	Based on available data, the classification criteria are not met None of the components are considered to damage organs
(j) aspiration hazard	Based on available data, the classification criteria apply in view of the low viscosity of the hydrocarbon liquid

11.2 Information on other hazards

No other health hazards

SECTION 12: Ecological Information

12.1 Toxicity

Based on ingredients, acute Daphnia 48 hour EC₅₀ estimated > 3.4 mg/l
Based on ingredient, Daphnia reproduction EC₁₀ estimated > 0.6 mg/l
Based on ingredients, acute 96 hour LC₅₀ to fish estimated > 2.8 mg/l
Based on ingredients, acute 72 hour IC₅₀ algae estimated > 1.2 mg/l

The aquatic toxicity is dependent on the concentration of limonene present

12.2 Persistence and degradability

All organic components considered to be rapidly biodegradable

12.3 Bioaccumulative potential

None of the components are considered to be potentially accumulative

12.4 Mobility in soil

In view of water solubility, likely to be mobile in soil

12.5 Results of PBT, PMT, vPvB or vPvM assessment

None of the components are considered to be PBT, PMT, vPvB or vPvM

12.6 Endocrine disrupting properties

None of the components are considered to be potentially damaging to the endocrine system

12.7 Other adverse effects

No other known adverse effects

SECTION 13: Disposal Considerations

13.1 Waste treatment methods

Dispose of as hydrocarbon waste. No specific precautions.

SECTION 14: Transport Information

Not classified for transport

14.1 UN number

Not applicable.

14.2 UN proper shipping name

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Environmentally hazardous substance / marine pollutant

No.

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: Regulatory Information

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

All components are listed as existing substances in UK/EU within the framework of the REACH Regulation

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product, but has been conducted for the registered components.

SECTION 16: Other Information

Revision information:

New SDS

List of Abbreviations used in this SDS:

ATE Acute toxicity limit
CAS Chemical Abstracts Service
CLP Classification, Labelling and Packaging Regulation (EC) no 1272/2008
EC European Community/Commission
PBT Persistent, Bioaccumulative and Toxic
PMT Persistent, Mobile and Toxic
REACH Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) no 1907/2006
STOT Specific Target Organ Toxicity
vPvB very Persistent, very Bioaccumulative
vPvM very Persistent, very Mobile

References:

Supply SDS and ECHA Source: European Chemicals Agency, <http://echa.europa.eu/>, 9 August 2024

Method used for classification of mixtures:

Ingredient based approach

H Statements used in Section 3

H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction
H318 Causes serious eye damage
H400 Very toxic to aquatic life
H410 Very toxic to aquatic life with long-lasting effects
H412 Harmful to aquatic life with long-lasting effects

Training requirements for workers

No specific training