

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 10.06.2021

Version: 4

Revision: 10.06.2021

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

· **1.1 Product identifier**

· **Trade name:** Mykal Aqueous Degreaser Plus

· **Article number:** 22580001

· **UFI:** FT88-X254-Q32C-DQMU

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

· **Sector of Use**

SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

· **Product category PC35** Washing and cleaning products (including solvent based products)

· **Process category**

PROC7 Industrial spraying

PROC11 Non industrial spraying

· **Application of the substance / the mixture**

Degreasing agent

Maintenance product

· **1.3 Details of the supplier of the safety data sheet**

· **Manufacturer/Supplier:**

Manufacturer:

ZEP UK Ltd
Tanhouse Lane
Widnes Cheshire, WA8 0RD
United Kingdom
Tel: +44 (0)151 422 1000
Fax: +44 (0)151 422 1011
@: info@zep.co.uk
web: www.zep.co.uk

Distributed in EU by:

ZEP Industries BV
Vierlingweg 30
4612 PN Bergen op Zoom
The Netherlands
Tel: (NL) + 31 164 250 100 (B) + 32 2 347 0117
Fax: (NL) + 31 164 266 710 (B) + 32 2 347 1395
@: info@zepbenelux.com

ZEP ITALIA SRL
Piazzale Luigi Cadorna, 2 - Milano - (MI)
20123 Milano (MI) - Italy;
Via Nettunense Km. 25.000
04011 Aprilia (LT) - Italy
T: +39.06.926691
F: +39.06.92747061
@: tecnico@zepeurope.com
Sito: www.zep.it
ZEP ITALIA SRL
Piazzale Luigi Cadorna, 2
20123 Milano (MI) - Italy;
Via Nettunense Km. 25.000
04011 Aprilia (LT) - Italy
T: +39.06.926691
F: +39.06.92747061
@: tecnico@zepeurope.com
Sito: www.zep.it

ZEP Industries BV
Vierlingweg 30
4612 PN Bergen op Zoom
The Netherlands
Tel: (NL) + 31 164 250 100 (B) + 32 2 347 0117
Fax: (NL) + 31 164 266 710 (B) + 32 2 347 1395
@: info@zepbenelux.com

Distributed in the UK by:

(Contd. on page 2)

UK

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 10.06.2021

Version: 4

Revision: 10.06.2021

Trade name: Mykal Aqueous Degreaser Plus

(Contd. of page 1)

ZEP UK Ltd
Tanhouse Lane
Widnes Cheshire, WA8 0RD
United Kingdom
Tel: +44 (0)151 422 1000
Fax: +44 (0)151 422 1011
@: info@zep.co.uk
web: www.zep.co.uk

· **Further information obtainable from:**

Customer Service

NL: Tel: + 31 164 250 100 Fax: + 31 164 266 710

B: Tel: +32 2 347 0117 Fax: +32 2 347 1395

IT: Tel: +39 069 266 91 Fax: +39 06.927 470 61

UK: Tel: +44 151 422 1000 Fax: +44 151 422 1011

· **1.4 Emergency telephone number:**

NHS +44 0845 46 47 (England or Wales); +44 08454 24 24 24 (Scotland)

emergency number (europe): 112

SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**

· **Classification according to Regulation (EC) No 1272/2008**

Skin Irrit. 2 H315 Causes skin irritation.

Eye Dam. 1 H318 Causes serious eye damage.

Skin Sens. 1 H317 May cause an allergic skin reaction.

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

· **2.2 Label elements**

· **Labelling according to Regulation (EC) No 1272/2008** The product is classified and labelled according to the CLP regulation.

· **Hazard pictograms**



GHS05

GHS07

GHS09

· **Signal word** Danger

· **Hazard-determining components of labelling:**

(R)-p-mentha-1,8-diene

sodium dodecylbenzenesulphonate, pure

Alcohols, C9-11, ethoxylated

tetrasodium ethylenediaminetetraacetate

· **Hazard statements**

H315 Causes skin irritation.

H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

· **Precautionary statements**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

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

P310 Immediately call a POISON CENTER/doctor.

P321 Specific treatment (see on this label).

P362+P364 Take off contaminated clothing and wash it before reuse.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **2.3 Other hazards** The product does not contain any organic halogen compounds (AOX), nitrates, heavy metal compounds.

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

UK

(Contd. on page 3)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 10.06.2021

Version: 4

Revision: 10.06.2021

Trade name: Mykal Aqueous Degreaser Plus

(Contd. of page 2)

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:

CAS: 5131-66-8 EINECS: 225-878-4 Index number: 603-052-00-8 Reg.nr.: 01-2119475527-28-xxxx	3-butoxypropan-2-ol ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319	≥5-<10%
CAS: 34590-94-8 EINECS: 252-104-2 Reg.nr.: 01-2119450011-60-xxxx	1-(2-Methoxypropoxy)-2-propanol substance with a Community workplace exposure limit	5-10%
CAS: 5989-27-5 EINECS: 227-813-5 Index number: 601-029-00-7 Reg.nr.: 01-2119529223-47-xxxx	(R)-p-mentha-1,8-diene ⚠ Flam. Liq. 3, H226 ⚠ Asp. Tox. 1, H304 ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410 ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	≥5-<10%
CAS: 97-99-4 EINECS: 202-625-6 Index number: 603-061-00-7 Reg.nr.: 01-2119968921-26-xxxx	tetrahydro-2-furylmethanol ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	2.5-5%
CAS: 25155-30-0 EINECS: 246-680-4 Reg.nr.: 01-2120088038-xxxx	sodium dodecylbenzenesulphonate, pure ⚠ Eye Dam. 1, H318 ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315	1-2.5%
CAS: 1300-72-7 EINECS: 215-090-9 Reg.nr.: 01-2119513350-56-xxxx	Sodium xylenesulphonate ⚠ Eye Irrit. 2, H319	1-2.5%
CAS: 68439-46-3 EC number: 614-482-0	Alcohols, C9-11, ethoxylated ⚠ Eye Dam. 1, H318 ⚠ Acute Tox. 4, H302	1-2.5%
CAS: 64-02-8 EINECS: 200-573-9 Index number: 607-428-00-2 Reg.nr.: 01-2119486762-27-xxxx	tetrasodium ethylenediaminetetraacetate ⚠ Eye Dam. 1, H318 ⚠ Acute Tox. 4, H302	1-2.5%

Additional information:

For the wording of the listed hazard phrases refer to section 16.

Nonionic surfactants, Anionic surfactants, EDTA and salts thereof	<5%
Allergenic fragrances, Perfumes (LIMONENE)	

SECTION 4: First aid measures

4.1 Description of first aid measures

General information: Immediately remove any clothing soiled by the product.

After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

After skin contact:

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

Immediately rinse with water.

After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing: If symptoms persist consult doctor.

4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substance or mixture No further relevant information available.

(Contd. on page 4)

UK

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 10.06.2021

Version: 4

Revision: 10.06.2021

Trade name: Mykal Aqueous Degreaser Plus

(Contd. of page 3)

- **5.3 Advice for firefighters**
- **Protective equipment:**
Wear self-contained respiratory protective device.
Do not inhale explosion gases or combustion gases.
Wear fully protective suit.
- **Additional information** Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Remove persons from danger area.
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:**
Inform respective authorities in case of seepage into water course or sewage system.
Keep contaminated washing water and dispose of appropriately.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, universal binders).
Use neutralising agent.
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.
- **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Store in cool, dry place in tightly closed receptacles.
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Additional information about design of technical facilities:** No further data; see item 7.

· **Ingredients with limit values that require monitoring at the workplace:**

CAS: 34590-94-8 1-(2-Methoxypropoxy)-2-propanol

WEL (Great Britain)	Long-term value: 308 mg/m ³ , 50 ppm Sk
IOELV (European Union)	Long-term value: 308 mg/m ³ , 50 ppm Skin

· **DNELs**

CAS: 5131-66-8 3-butoxypropan-2-ol

Oral	DNEL Long term-systemic	8.75 mg/kg human/day (consumer)
Dermal	DNEL Acute-systemic	44 mg/kg human/day (consumer)
		16 mg/kg human/day (worker)
Inhalative	DNEL Long term-systemic	16 mg/kg human/day (consumer)
		44 mg/kg human/day (worker)
	DNEL Long term-systemic mg/m ³	33.8 mg/m ³ (consumer)
	DNEL Acute-systemic mg/m ³	270.5 mg/m ³ (worker)

(Contd. on page 5)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 10.06.2021

Version: 4

Revision: 10.06.2021

Trade name: Mykal Aqueous Degreaser Plus

(Contd. of page 4)

CAS: 34590-94-8 1-(2-Methoxypropoxy)-2-propanol

Oral	DNEL Long term-systemic	1.67 mg/kg human/day (consumer)
Dermal	DNEL Long term-systemic	15 mg/kg human/day (consumer)
		65 mg/kg human/day (worker)
Inhalative	DNEL Long term-systemic mg/m ³	37.2 mg/m ³ (consumer)
		310 mg/m ³ (worker)

CAS: 5989-27-5 (R)-p-mentha-1,8-diene

Oral	DNEL Long term-systemic	4.8 mg/kg human/day (consumer)
Dermal	DNEL Long term-systemic	4.8 mg/kg human/day (consumer)
		9.5 mg/kg human/day (worker)
Inhalative	DNEL Long term-systemic mg/m ³	16.6 mg/m ³ (consumer)
		66.7 mg/m ³ (worker)

CAS: 64-02-8 tetrasodium ethylenediaminetetraacetate

Oral	DNEL Long term-systemic	28 mg/kg human/day (consumer)
Inhalative	DNEL Acute-systemic mg/m ³	1.7 mg/m ³ (consumer)
		2.8 mg/m ³ (worker)

· PNECs**CAS: 5131-66-8 3-butoxypropan-2-ol**

PNEC Freshwater mg/L	0.525 mg/L
PNEC Marinewater mg/L	0.0525 mg/L
PNEC Freshwater sediment	2.36 mg/Kg
PNEC Marine water sediment	0.236 mg/Kg
PNEC Intermittent release	5.25 (mg/l)
PNEC Soil	0.16 mg/Kg
PNEC Sewage treatment Plant mg/L	10 mg/L

CAS: 34590-94-8 1-(2-Methoxypropoxy)-2-propanol

PNEC Freshwater mg/L	19 mg/L
PNEC Marinewater mg/L	1.9 mg/L
PNEC Freshwater sediment	70.2 mg/Kg
PNEC Marine water sediment	7.02 mg/Kg
PNEC Intermittent release	190
PNEC Soil	2.74 mg/Kg
PNEC Sewage treatment Plant mg/L	4,168 mg/L

CAS: 5989-27-5 (R)-p-mentha-1,8-diene

PNEC Freshwater mg/L	14 mg/L
PNEC Marinewater µg/L	1.4 µg/L
PNEC Freshwater sediment	3.85 mg/Kg
PNEC Marine water sediment	3.85 mg/Kg
PNEC Sewage treatment Plant mg/L	1.8 mg/L

CAS: 64-02-8 tetrasodium ethylenediaminetetraacetate

PNEC Freshwater mg/L	2.8 mg/L
PNEC Marinewater mg/L	0.28 mg/L
PNEC Intermittent release	1.6 (mg/L)
PNEC Soil	0.95 mg/Kg
PNEC Sewage treatment Plant mg/L	57 mg/L

· **Additional information:** The lists valid during the making were used as basis.

· 8.2 Exposure controls**· Personal protective equipment:****· General protective and hygienic measures:**

- Keep away from foodstuffs, beverages and feed.
- Immediately remove all soiled and contaminated clothing
- Wash hands before breaks and at the end of work.
- Avoid contact with the skin.
- Do not eat, drink, smoke or sniff while working.

(Contd. on page 6)

UK

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 10.06.2021

Version: 4

Revision: 10.06.2021

Trade name: Mykal Aqueous Degreaser Plus

(Contd. of page 5)

· **Protection of hands:**



Protective gloves

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

· **Not suitable are gloves made of the following materials:** Strong material gloves

· **Eye protection:**



Tightly sealed goggles

· **Body protection:** Protective work clothing

SECTION 9: Physical and chemical properties

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

· **General Information**

· **Appearance:**

· Form:	Liquid
· Colour:	Yellow
· Odour:	Citrus
· Odour threshold:	Not determined.

· **pH-value at 20 °C:** 9.5

· **Change in condition**

· Melting point/freezing point:	Undetermined.
· Initial boiling point and boiling range:	100 °C

· **Flash point:** Not applicable.

· **Flammability (solid, gas):** Not applicable.

· **Ignition temperature:** 207 °C

· **Decomposition temperature:** Not determined.

· **Auto-ignition temperature:** Product is not selfigniting.

· **Explosive properties:** Product does not present an explosion hazard.
Not determined.

· **Explosion limits:**

· Lower:	Not determined.
· Upper:	Not determined.

· **Vapour pressure at 20 °C:** 23 hPa

· Density at 20 °C:	1.005 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.

· **Solubility in / Miscibility with water:** Fully miscible.

· **Partition coefficient: n-octanol/water:** Not determined.

· **Viscosity:**

· **Dynamic:** Not determined.

(Contd. on page 7)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 10.06.2021

Version: 4

Revision: 10.06.2021

Trade name: Mykal Aqueous Degreaser Plus

(Contd. of page 6)

Kinematic:	Not determined.
Solvent content:	
Organic solvents:	20.0 %
Swiss VOC:	25.15 %
Solids content:	1.9 %
9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· **LD/LC50 values relevant for classification:**

CAS: 5131-66-8 3-butoxypropan-2-ol

Oral	LD50	3,300 mg/kg (Rat)
Dermal	LD50	>2,000 mg/kg (Rat)
	EC 50 / 96 h (static)	>1,000 mg/ltr (Selenastrum capricornutum (Algae))

CAS: 34590-94-8 1-(2-Methoxypropoxy)-2-propanol

Oral	LD50	>4,000 mg/kg (Rat)
Dermal	LD50	9,510 mg/kg (Rabbit)
	LC50 / 48 h	1.919 mg/ltr (Daphnia magna (water flea))

CAS: 5989-27-5 (R)-p-mentha-1,8-diene

Oral	LD50	4,400 mg/kg (Rat)
Dermal	LD50	>5,000 mg/kg (Rat)
		>2,000 mg/kg (Rabbit)
	EC50	34.1 mg/ltr (Daphnia magna (water flea))

CAS: 97-99-4 tetrahydro-2-furylmethanol

Oral	LD50	>2,000 mg/kg (Rat)
	LC50 / 48 h	3,400 mg/ltr (fish)

CAS: 68439-46-3 Alcohols, C9-11, ethoxylated

Oral	LD50	500 mg/kg (Rat)
Dermal	LD50	2,000 mg/kg (Rat)

CAS: 64-02-8 tetrasodium ethylenediaminetetraacetate

Oral	LD50	1,560 mg/kg
Inhalative	LC50 / 4 h	>1,000 mg/l
	LC50 / 8 h	1,000-5,000 mg/m3 (Rat)

- **Primary irritant effect:**
- **Skin corrosion/irritation**
Causes skin irritation.
- **Serious eye damage/irritation**
Causes serious eye damage.
- **Respiratory or skin sensitisation**
May cause an allergic skin reaction.
- **Additional toxicological information:**
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.

(Contd. on page 8)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 10.06.2021

Version: 4

Revision: 10.06.2021

Trade name: Mykal Aqueous Degreaser Plus

(Contd. of page 7)

- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

CAS: 5131-66-8 3-butoxypropan-2-ol

LC50 / 96 h (static)	560-1,000 mg/ltr (fish) (<i>Poecilia reticulata</i>)
EC 50 / 48 h (static)	>1,000 mg/ltr (<i>Daphnia magna</i> (water flea))
OECD test 301 E	90 (biodegradation in % after 28 days)

CAS: 34590-94-8 1-(2-Methoxypropoxy)-2-propanol

LC50 / 96 h	>10,000 mg/ltr (<i>Pimephales promelas</i>)
EC 50 / 72 H	1,000 (<i>Selenastrum capricornutum</i> (Algae))

CAS: 5989-27-5 (R)-p-mentha-1,8-diene

LC50 / 96 h	0.72 mg/ltr (fish)
EC 50 / 72 H	0.688 /mg/L (<i>Selenastrum capricornutum</i> (Algae))
OECD test 301 D	>92 (biodegradation in % after 28 days)

CAS: 68439-46-3 Alcohols, C9-11, ethoxylated

LC50 / 96 h	5-7 mg/ltr (fish)
EC 50 / 48 h	2.5 mg/ltr (<i>Daphnia magna</i> (water flea))
EC 50 / 72 H	1.4 /mg/l (<i>Selenastrum capricornutum</i> (Algae))

CAS: 64-02-8 tetrasodium ethylenediaminetetraacetate

LC50 / 96 h	>1,000 mg/ltr (<i>Lepomis Macrochirus</i> (Bluegill Sunfish))
	33-189 mg/ltr (fish)
EC 50 / 48 h	140 mg/ltr (<i>Daphnia magna</i> (water flea))
EC 50 / 72 H	>300 (<i>Desmodesmus subspicatus</i>) (mg/L)

· **12.2 Persistence and degradability** No further relevant information available.

· **Other information:** The product is biodegradable.

· **12.3 Bioaccumulative potential** No further relevant information available.

· **12.4 Mobility in soil** No further relevant information available.

Ecotoxicological effects:

· **Remark:** Toxic for fish

Additional ecological information:

General notes:

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

Must not reach sewage water or drainage ditch undiluted or unneutralised.

Danger to drinking water if even extremely small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.

In accordance with the requirements of the RVO in the Act on Detergents and Cleansing Agents, tensides are biodegradable up to at least 90 %.

Toxic for aquatic organisms

12.5 Results of PBT and vPvB assessment

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

· **Recommendation** Must not be disposed together with household garbage. Do not allow product to reach sewage system.

European waste catalogue

HP4	Irritant - skin irritation and eye damage
-----	---

HP14	Ecotoxic
------	----------

(Contd. on page 9)

UK

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 10.06.2021

Version: 4

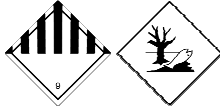
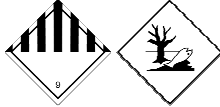
Revision: 10.06.2021

Trade name: Mykal Aqueous Degreaser Plus

(Contd. of page 8)

- **Uncleaned packaging:**
- **Recommendation:** Disposal in accordance with administrative provisions

SECTION 14: Transport information

· 14.1 UN-Number · ADR, IMDG, IATA	UN3082
· 14.2 UN proper shipping name · ADR · IMDG · IATA	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ((R)-p-mentha-1,8-diene) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ((R)-p-mentha-1,8-diene, Tall Oil Fatty Acid), MARINE POLLUTANT ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ((R)-p-mentha-1,8-diene)
· 14.3 Transport hazard class(es) · ADR	
	
· Class · Label	9 (M6) Miscellaneous dangerous substances and articles. 9
· IMDG, IATA	
	
· Class · Label	9 Miscellaneous dangerous substances and articles. 9
· 14.4 Packing group · ADR, IMDG, IATA	III
· 14.5 Environmental hazards: · Marine pollutant: · Special marking (ADR): · Special marking (IATA):	Product contains environmentally hazardous substances: (R)-p-mentha-1,8-diene Yes Symbol (fish and tree) Symbol (fish and tree) Symbol (fish and tree)
· 14.6 Special precautions for user · Hazard identification number (Kemler code): · EMS Number: · Stowage Category	Warning: Miscellaneous dangerous substances and articles. 90 F-A,S-F A
· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· Transport/Additional information:	
· ADR · Limited quantities (LQ) · Excepted quantities (EQ) · Transport category · Tunnel restriction code · Remarks:	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml 3 - Packaging containing 5L/Kg or less of product do NOT require labelling as hazardous for transport.

(Contd. on page 10)

UK

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 10.06.2021

Version: 4

Revision: 10.06.2021

Trade name: Mykal Aqueous Degreaser Plus

(Contd. of page 9)

· IMDG	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· UN "Model Regulation":	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ((R)-P-MENTHA-1,8-DIENE), 9, III

SECTION 15: Regulatory information

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

No further relevant information available.

Reg. (EC) n. 1272/2008 - CLP;

Reg. (EC) n. 2015/830 annex II of REACH;

Dir. 06/08 ADR – RID - IMDG - IATA;

Dir. 12/18 (Seveso III);

Dir. 2008/98/CE and Reg. (EC) n.1357/2014 (Waste management)

· **Labelling according to Regulation (EC) No 1272/2008** The product is classified and labelled according to the CLP regulation.

· **Hazard pictograms**



GHS05

GHS07

GHS09

· **Signal word** Danger

· **Hazard-determining components of labelling:**

(R)-p-mentha-1,8-diene

sodium dodecylbenzenesulphonate, pure

Alcohols, C9-11, ethoxylated

tetrasodium ethylenediaminetetraacetate

· **Hazard statements**

H315 Causes skin irritation.

H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

· **Precautionary statements**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

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

P310 Immediately call a POISON CENTER/doctor.

P321 Specific treatment (see on this label).

P362+P364 Take off contaminated clothing and wash it before reuse.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Directive 2012/18/EU**

· **Named dangerous substances - ANNEX I** None of the ingredients is listed.

· **Seveso category E2** Hazardous to the Aquatic Environment

· **Qualifying quantity (tonnes) for the application of lower-tier requirements** 200 t

· **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t

· **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

· **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

· **REGULATION (EU) 2019/1148**

· **Annex I - RESTRICTED EXPLOSIVES PRECURSORS** (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

· **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

(Contd. on page 11)

-UK

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 10.06.2021

Version: 4

Revision: 10.06.2021

Trade name: Mykal Aqueous Degreaser Plus

(Contd. of page 10)

· **National regulations:**· **Technical instructions (air):**

Class	Share in %
NK	19.9

· **Waterhazard class:** Water danger class 3 (Self-assessment): extremely hazardous for water.· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has been carried out.* **SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

· **Classification according to Regulation (EC) No 1272/2008** Calculation method· **Department issuing SDS:**

Customer Service

NL: Tel: + 31 164 250 100 Fax: + 31 164 266 710

B: Tel: +32 2 347 0117 Fax: +32 2 347 1395

IT: Tel: +39 069 266 91 Fax: +39 06.927 470 61

UK: Tel: +44 151 422 1000 Fax: +44 151 422 1011

· **Contact:**

Customer Service

NL: Tel: + 31 164 250 100 Fax: + 31 164 266 710

B: Tel: +32 2 347 0117 Fax: +32 2 347 1395

IT: Tel: +39 069 266 91 Fax: +39 06.927 470 61

UK: Tel: +44 151 422 1000 Fax: +44 151 422 1011

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

WELL: The highest acceptable concentration

IOELV: Indicative occupational exposure limit values

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

· *** Data compared to the previous version altered.**

UK

(Contd. on page 12)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 10.06.2021

Version: 4

Revision: 10.06.2021

Trade name: Mykal Aqueous Degreaser Plus

(Contd. of page 11)

Annex: Exposure scenario

- **Short title of the exposure scenario** For the finished product.
- **Sector of Use**
 - SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites
 - SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- **Product category** PC35 Washing and cleaning products (including solvent based products)
- **Process category**
 - PROC7 Industrial spraying
 - PROC11 Non industrial spraying
- **Description of the activities / processes covered in the Exposure Scenario** See section 1 of the annex to the Safety Data Sheet.
- **Conditions of use**
 - Duration and frequency** 5 workdays/week.
- **Physical parameters**
- **Physical state** Fluid
- **Concentration of the substance in the mixture** The substance is main component.
- **Used amount per time or activity** According to directions for use.
- **Other operational conditions**
- **Other operational conditions affecting environmental exposure** Use only on hard ground.
- **Other operational conditions affecting worker exposure**
 - Avoid contact with eyes.
 - Avoid contact with the skin.
 - Avoid long-term or repeated skin contact.
- **Other operational conditions affecting consumer exposure** No special measures required.
- **Other operational conditions affecting consumer exposure during the use of the product** Not applicable.
- **Risk management measures**
- **Worker protection**
- **Organisational protective measures** No special measures required.
- **Technical protective measures**
 - Use product only in enclosed systems.
 - Ensure that suitable extractors are available on processing machines
- **Personal protective measures**
 - Do not inhale gases / fumes / aerosols.
 - Avoid contact with the skin.
 - Avoid contact with the eyes.
 - Tightly sealed goggles
 - Protective gloves
 - Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Measures for consumer protection** Ensure adequate labelling.
- **Environmental protection measures**
- **Water**
 - Do not allow to reach sewage system.
 - Generally, prior to the introduction of wastewater into wastewater treatment plants a neutralisation is required.
- **Soil** Prevent contamination of soil.
- **Disposal measures** Ensure that waste is collected and contained.
- **Disposal procedures** Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Waste type** Partially emptied and uncleaned packaging
- **Exposure estimation**
- **Consumer** Not relevant for this Exposure Scenario.
- **Guidance for downstream users** No further relevant information available.