

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

1.1. Product identifier

Product name: REJUVENATOR

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

1.3. Details of the supplier of the safety data sheet

Company name: Proficio Limited

52 Crossgates

Bellshill

Lanarkshire

ML4 2EE

Scotland

Tel: 01698740840

Fax: 01698740008

Email: sales@proficio.co.uk

1.4. Emergency telephone number

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Aquatic Chronic 2: H411; Skin Corr. 1A: H314; Skin Sens. 1: H317

Most important adverse effects: Causes severe skin burns and eye damage. May cause an allergic skin reaction. Toxic to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: H314: Causes severe skin burns and eye damage.

H317: May cause an allergic skin reaction.

H411: Toxic to aquatic life with long lasting effects.

Hazard pictograms: GHS05: Corrosion

GHS07: Exclamation mark

GHS09: Environmental



Signal words: Danger

Precautionary statements: P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

SAFETY DATA SHEET

REJUVENATOR

Page: 2

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

P302+P352: IF ON SKIN: Wash with plenty of water.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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:

D-LIMONENE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
227-813-5	5989-27-5	-	Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	1-10%

ALCOHOL ETHOXYLATE C9-11

-	68438-45-2	-	Acute Tox. 4: H302; Eye Dam. 1: H318	1-10%
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COCO AMIDO PROPYL BETAINE - REACH registered number(s): 01-2119488533-30-0001

931-296-8	61789-40-0	-	Eye Dam. 1: H318; Aquatic Chronic 3: H412	1-10%
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DISODIUM METASILICATE

229-912-9	6834-92-0	-	Skin Corr. 1B: H314; STOT SE 3: H335	1-10%
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ALCOHOL ETHOXYLATE C9-11 WITH 6.5 MOL EO

-	68439-46-3	-	Acute Tox. 4: H302; Eye Dam. 1: H318	1-10%
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Section 4: First aid measures

4.1. Description of first aid measures

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

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

Ingestion: Do not induce vomiting. Wash out mouth with water. Give 1 cup of water to drink every 10 minutes.

Inhalation: Move to fresh air in case of accidental inhalation of vapours.

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

Skin contact: Severe burns may occur.

Eye contact: Corneal burns may occur.

Ingestion: Nausea and stomach pain may occur.

[cont...]

SAFETY DATA SHEET

REJUVENATOR

Page: 3

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

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Water. Water spray. Carbon dioxide. Alcohol resistant foam. Dry chemical powder. Water fog.

5.2. Special hazards arising from the substance or mixture

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

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.

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. Wash the spillage site with large amounts of water.

6.4. Reference to other sections

Section 7: Handling and storage

7.1. Precautions for safe handling

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep away from sources of ignition.

Suitable packaging: Do not use aluminium containers.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Respiratory protection: Respiratory protection not required.

Hand protection: Gloves (alkali-resistant). Gloves (solvent-resistant).

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SAFETY DATA SHEET

REJUVENATOR

Page: 4

Eye protection: Safety glasses.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Straw

Odour: Citrus

Evaporation rate: Not applicable.

Oxidising: Not applicable.

Solubility in water: Highly soluble

Viscosity: Non-viscous

Boiling point/range°C: >100

Flammability limits %: lower: No data available.

Flash point°C: >93

Autoflammability°C: No data available.

Relative density: 1.05

VOC g/l: Not applicable.

Melting point/range°C: No data available.

upper: No data available.

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

Vapour pressure: No data available.

pH: 12

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: No data available.

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

Conditions to avoid: Sources of ignition. Flames.

10.5. Incompatible materials

Materials to avoid: Acids.

10.6. Hazardous decomposition products

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

Section 11: Toxicological information

[cont...]

SAFETY DATA SHEET

REJUVENATOR

Page: 5

11.1. Information on toxicological effects

Hazardous ingredients:

D-LIMONENE

ORL	MUS	LD50	5600	mg/kg
ORL	RAT	LD50	4400	mg/kg
SCU	MUS	LD50	3170	mg/kg

ALCOHOL ETHOXYLATE C9-11

ORAL	RAT	LD50	>300<2000	mg/kg
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COCO AMIDO PROPYL BETAINE

DERMAL	RAT	LD50	>5,000	mg/kg
ORAL	RAT	LD50	>5,000	mg/kg

DISODIUM METASILICATE

ORL	MUS	LD50	770	mg/kg
ORL	RAT	LD50	1153	mg/kg

ALCOHOL ETHOXYLATE C9-11 WITH 6.5 MOL EO

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

Relevant hazards for product:

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

Symptoms / routes of exposure

Skin contact: Severe burns may occur.

Eye contact: Corneal burns may occur.

Ingestion: Nausea and stomach pain may occur.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

[cont...]

SAFETY DATA SHEET

REJUVENATOR

Page: 6

ALCOHOL ETHOXYLATE C9-11

FISH	96H LC50	1-10	mg/l
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COCO AMIDO PROPYL BETAINE

Daphnia magna	48H EC50	1.9	mg/l
FISH	96H LC50	1.11	mg/l

ALCOHOL ETHOXYLATE C9-11 WITH 6.5 MOL EO

FISH	96H LC50	1-10	mg/l
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12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: Soluble in water. Readily absorbed into soil.

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

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

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H226: Flammable liquid and vapour.

H302: Harmful if swallowed.

[cont...]

SAFETY DATA SHEET

REJUVENATOR

Page: 7

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H335: May cause respiratory irritation.

H400: Very toxic to aquatic life.

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

H411: Toxic to aquatic life with long lasting effects.

H412: Harmful 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.