

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

1.1 Product identifier

Product name: CleanSolv Bio

Other identification:

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

Hard surface cleaner

1.3 Details of the supplier of the safety data sheet

SwanTek

Mintsfeet Road South, Kendal, LA9 6ND, UK

Tel: +44 (0)1539 722247 Email: service@swantek.com Web: www.swantek.com

1.4 Emergency telephone number

As per section 1.3

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Skin Irrit. 2, H315

Eye Dam. 1, H318

Skin Sens. 1, H317

Aquatic Chronic 2, H411

Full text of H-phrases: see section 16

2.2 Label elements

Hazard pictograms:

CLP 05 Corrosive

CLP 07 Exclamation

CLP 09 Environment

(none)



Signal word:

Danger

Hazard statements:

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H318 - Causes serious eye damage

H411 - Toxic to aquatic life with long lasting effects

Precautionary statements:

P261 - Avoid breathing spray

P264 - Wash hands thoroughly after handling

P272 - Contaminated work clothing should not be allowed out of the workplace

P273 - Avoid release to the environment

P280 - Wear eye protection, protective gloves

P302+P352 - IF ON SKIN: Wash with plenty of soap, water

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

P362 - Take off contaminated clothing

P315 - Get immediate medical advice/attention

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention

P363 - Wash contaminated clothing before reuse

P391 - Collect spillage

Other label elements:

Hazardous ingredients: Benzenesulphonic acid, mono-C10-14-alkyl derivs., sodium salts, (R)-p-mentha-1,8-diene, dlimonene

2.3 Other hazards

No additional information available

Section 3: Composition / information on ingredients

3.1 Substances

3.2 Mixtures

Benzenesulphonic acid, mono-C10-14-alkyl derivs., sodium salts

(CAS No) 85117-50-6, (EC no) 285-600-2

5-15%

Acute Tox. 4 (Oral), H302

Skin Irrit. 2, H315

Eye Dam. 1, H318

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

(CAS No) 5989-27-5, (EC no) 227-813-5, (EC index no) 601-029-00-7

5-15%

Flam. Liq. 3, H226

Skin Irrit. 2, H315

Skin Sens. 1, H317

Aquatic Acute 1, H400

Aquatic Chronic 1, H410

Coconut diethanolamide

(CAS No) 8051-30-7

1-5%

Skin Irrit. 2, H315

Eye Dam. 1, H318

Triethanolamine

(CAS No) 102-71-6, (EC no) 203-049-8, (REACH-no) 01-2119486482-31

1-5%

Skin Irrit. 2, H315

Eye Irrit. 2, H319

Full text of H-phrases: see section 16

Section 4: First aid measures

4.1 Description of first aid measures

General: Get medical advice/attention if you feel unwell.

Inhalation: Remove person to fresh air and keep comfortable for breathing.

Ingestion: Give nothing or a little water to drink. Get medical advice/attention if you feel unwell.

Skin: Wash with plenty of soap and water.

Eye: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

General:

Inhalation: May cause respiratory irritation.

Ingestion: May cause a light irritation of the linings of the mouth, throat, and gastrointestinal tract.

Skin: Repeated exposure may cause skin dryness or cracking.

Eye: Causes eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Section 5: Firefighting measures

5.1 Extinguishing media

Carbon dioxide. Dry powder. Foam.

5.2 Special hazards arising from the substance or mixture

No additional information available

5.3 Advice for firefighters

No additional information available

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Evacuate unnecessary personnel. Use personal protective equipment as required.

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

Collect spillage. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

6.4 Reference to other sections

For further information refer to sections 8 and 13.

Section 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with eyes. Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures: Does not require any specific or particular technical measures.

Storage conditions: Keep container closed when not in use.

Incompatible products: Oxidizing agent. Strong acids. Strong bases.

Special rules on packaging: Keep only in original container.

7.3 Specific end use(s)

No additional information available

Section 8: Exposure controls / personal protection

8.1 Control parameters

Triethanolamine (102-71-6)

Netherlands, Grenswaarde TGG 8H (mg/m³): 5 mg/m³

Netherlands, Grenswaarde TGG 15MIN (mg/m³): 0 mg/m³

8.2 Exposure controls

Materials for protective clothing: Not required for normal conditions of use

Hand protection: Protective gloves

Eye protection: Safety glasses

Skin and body protection: Not required for normal conditions of use

Respiratory protection: Not required for normal conditions of use

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Note: This information represents typical data and is not a specification.

Physical state	Liquid
Appearance	Liquid
Colour	Dark yellow
Odour	Sharp
pH	9.5
Relative density	0.99

9.2 Other information

No additional information available

Section 10: Stability and reactivity

10.1 Reactivity

No additional information available

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No additional information available

10.4 Conditions to avoid

No additional information available

10.5 Incompatible materials

No additional information available

10.6 Hazardous decomposition products

No additional information available

Section 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity: Not classified

Skin corrosion/irritation: Causes skin irritation, pH: 9.5

Serious eye damage/irritation: Causes serious eye damage, pH: 9.5

Respiratory or skin sensitisation: May cause an allergic skin reaction.

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

Specific target organ toxicity (single exposure): Not classified

Specific target organ toxicity (repeated exposure): Not classified

Coconut diethanolamide: NOAEL (subacute, oral, animal/female, 28 days) $\approx$ 750 mg/kg bodyweight

Aspiration hazard: Not classified

Section 12: Ecological information

12.1 Toxicity

Coconut diethanolamide (8051-30-7)

LC50 fishes 1 $\approx$ 2.4 mg/l

EC50 Daphnia 1 $\approx$ 3.2 mg/l

ErC50 (algae) $\approx$ 3.9 mg/l

NOEC chronic crustacea $\approx$ 0.07 mg/l

Triethanolamine (102-71-6)

LC50 fishes 1: 11800 mg/l

EC50 other aquatic organisms 1: 2038 mg/l EC50 waterflea (48 h)

EC50 other aquatic organisms 2: 216 mg/l IC50 algae (72 h) mg/l

12.2 Persistence and degradability

No additional information available

12.3 Bioaccumulative potential

Triethanolamine (102-71-6)

Log Pow: -1

12.4 Mobility in soil

No additional information available

12.5 Results of PBT and vPvB assessment

No additional information available

12.6 Other adverse effects

No additional information available

Section 13: Disposal considerations

13.1 Waste treatment methods

No additional information available

Section 14: Transport information

General

14.1 UN Number

Not regulated for transport

14.2 UN proper shipping name

Proper Shipping Name (ADR/IMDG/IATA): Not applicable

14.3 Transport hazard class(es)

Transport hazard class(es) (ADR/IMDG/IATA): Not applicable

Danger labels (ADR/IMDG/IATA): 9 (Environment)

14.4 Packing group

Packing group (ADR/IMDG/IATA): Not applicable

14.5 Environmental hazards

Dangerous for the environment: Yes

Marine pollutant: Yes

Other information: No supplementary information available

14.6 Special precautions for user

No data available

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

EU-Regulations

Contains no substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

National regulations

Germany

VwVwS Annex reference: Water hazard class (WGK) 3, strongly hazardous to water (Classification according to VwVwS, Annex 4)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV: Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Denmark

Recommendations Danish Regulation: Young people below the age of 18 years are not allowed to use the product

15.2 Chemical safety assessment

No additional information available

Section 16: Other information

Full text of H- and EUH-phrases:

Acute Tox. 4 (Oral): Acute toxicity (oral), Category 4

Aquatic Acute 1: Hazardous to the aquatic environment — Acute Hazard, Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment — Chronic Hazard, Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment — Chronic Hazard, Category 2

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

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

Flam. Liq. 3: Flammable liquids, Category 3

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

Skin Sens. 1: Sensitisation — Skin, category 1

H226: Flammable liquid and vapour

H302: Harmful if swallowed

H315: Causes skin irritation

H317: May cause an allergic skin reaction

H318: Causes serious eye damage

H319: Causes serious eye 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

The responsibility to ensure safe working conditions within the workplace remains with the user. The information on this SDS is given as a guide to the precautions required to maintain a safe work environment. This product is for professional use only. Not for sale or resale to the general public. Use in applications other than those described above may give rise to risks not covered by the information on this SDS. The physical and chemical properties on this SDS are typical properties and are not a specification. Please report any errors.