
MATERIAL SAFETY DATA SHEET

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

1.1 Product identifiers

Product name: 1000L HYCOLIN CONCENTRATE HOSPITAL DETERGENT
EINECS number: 200-663-8
Brand: Solmedia Ltd

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

Identified uses – Detergent. Disinfectant.

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Solmedia Ltd.
- Address of Supplier: Unit 2, Vernon Drive
Battlefield Enterprise Park
Shrewsbury
SY1 3TF
UK
- Telephone: 0844 80 80 900
- Email: labsupplies@solmedialtd.com

1.4 Emergency telephone number

Emergency Phone # +44 (0)844 80 80 900

SECTION 2: Hazards identification

Physical Hazards Not Classified

Health Hazards Skin Irrit. 2 - H315 Eye Dam. 1 - H318

Environmental hazards Not Classified

2.2 Label elements

Pictogram



Signal word Danger

Hazard statements: H315: Causes skin irritation
H318 Causes serious eye damage.

Precautionary state:	<p>P280: Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P332+P313 If skin irritation occurs: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P337+P313 If eye irritation persists: Get medical advice/ attention.</p> <p>P501 Dispose of contents/ container in accordance with local regulations.</p>
Contains	ALCOHOLS, C12-14, ETHOXYLATED, QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL, CHLORIDES, TETRASODIUM ETHYLENE DIAMINE TETRAACETATE
Detergent labelling	5 - < 15% non-ionic surfactants, < 5% disinfectants, < 5% EDTA and salts thereof, < 5% perfumes, < 5% phosphates, Contains LINALOOL

2.3 Other hazards

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

SECTION 3: Composition/information on ingredients

3.2 Mixtures

ALCOHOLS, C12-14, ETHOXYLATED

5-10%

EINECS	CAS	CHIP CLASSIFICATION	CLP CLASSIFICATION	REACH Registration Number
500-213-3	68439-50-9	-Xi;R41. N;R50.	Eye Dam. 1 - H318 Aquatic Acute 1 - H400 Aquatic Chronic 3 - H412	01-2119487984-16-XXXX

M facture (Acute) = 1

QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL, CHLORIDES

1-5%

270-325-2	68424-85-1	C;R34 Xn;R21/22 N;R50	Acute Tox. 4 - H302 Acute Tox. 4 - H312 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Aquatic Acute 1 - H400	
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M facture (Acute) = 1

TETRASODIUM ETHYLENE DIAMINE TETRAACETATE

1-5%

EINECS	CAS	CHIP CLASSIFICATION	CLP CLASSIFICATION	REACH Registration Number
200-573-9	64-02-8	Xn;R22 Xi;R41	Acute Tox. 4 - H302 Eye Dam. 1 - H318	01-2119486762-27-XXXX

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General Information: Provide eyewash station

Skin contact: Rinse immediately with plenty of water. Remove contaminated clothing
Get medical attention if irritation persists after washing.

Eye contact: Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if symptoms are severe or persist after washing. Show this Safety Data Sheet to the medical personnel.

Ingestion: Never give anything by mouth to an unconscious person. Do not induce Vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.

Inhalation: Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues

4.2 Most important symptoms and effects, both acute and delayed

General Information: Provide eyewash station

Skin contact: Prolonged contact may cause redness, irritation and dry skin.

Eye contact: The product is irritating to eyes and skin. Prolonged or repeated exposure may cause the following adverse effects: Irritation and redness, followed by blurred vision. Corneal damage. Risk of serious damage to eyes.

Ingestion: No data available

Inhalation: No data available

Delayed / immediate effects: No data available

4.3 Indication of any immediate medical attention and special treatment needed

No specific recommendations

SECTION 5: Firefighting measures

5.1 Extinguishing media

The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.
Foam, carbon dioxide or dry powder.

5.2 Special hazards arising from the substance or mixture

Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Toxic gases or vapours.

5.3 Advice for firefighters

Protective actions during firefighting

Control run-off water by containing and keeping it out of sewers and watercourses.

Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For personal protection, see Section 8. Treat the spilled material according to the instructions in the clean-up section. Take care as floors and other surfaces may become slippery.

6.2 Environmental precautions

Collect and dispose of spillage as indicated in Section 13. Do not discharge into drains or watercourses or onto the ground.

6.3 Methods and materials for containment and cleaning up

Stop leak if safe to do so. Absorb in vermiculite, dry sand or earth and place into containers.
Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.4 Reference to other sections

For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Usage precautions Provide adequate ventilation. Avoid spilling. Avoid contact with skin

and eyes. Wear protective clothing as described in Section 8 of this safety data sheet. Avoid breathing vapour/spray. Do not mix with other household chemical products. Do not mix with acid.

Advice on general occupational hygiene Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions: Store in tightly-closed, original container in a dry, cool and well-ventilated place. Store at room temperature. Keep out of the reach of children. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

7.3 Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

ALCOHOLS, C12-14, ETHOXYLATED (CAS: 68439-50-9)

DNEL Workers - Inhalation; Long term systemic effects: 294 mg/m³
 Workers - Dermal; Long term systemic effects: 2080 mg/kg/day
 General population - Inhalation; Long term systemic effects: 87mg/m³
 General population - Dermal; Long term systemic effects: 1250 mg/kg/day
 General population - Oral; Long term systemic effects: 25 mg/kg/day

PNEC - Fresh water; 0.0437 mg/l
 - Intermittent release; 0.004 mg/l
 - STP; 10 mg/l
 - Sediment (Fresh water); 31 mg/kg
 - Sediment (Marine water); 31 mg/kg
 - Soil; 1 mg/kg

TETRASODIUM ETHYLENE DIAMINE TETRAACETATE (CAS: 64-02-8)

DNEL -General population - Oral; Long term systemic effects: 25 mg/kg/day
 -General population - Inhalation; Long term local effects: 0.6 mg/m³
 - Inhalation; Short term local effects: 1.2 mg/m³
 - Workers - Inhalation; Long term local effects: 1.5 mg/m³
 - Workers - Inhalation; Short term local effects: 3 mg/m³

PNEC - Fresh water; 2.2 mg/l
 - Marine water; 0.22 mg/l
 - Intermittent release; 1.2 mg/l
 - STP; 43 mg/l
 - Soil; 0.72 mg/kg

8.2 Exposure controls

Protective equipment



Appropriate engineering controls Provide adequate ventilation

Engineering measures: When using do not eat, drink or smoke. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Use appropriate skin cream to prevent drying of skin.

Respiratory protection: Respiratory protection not required.

Hand protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Polyvinyl chloride (PVC). Rubber (natural, latex). Neoprene. Nitrile rubber. Polyethylene. To protect hands from chemicals, gloves should comply with European Standard EN374.

Eye protection: Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses. Personal protective equipment for eye and face protection should comply with European Standard EN 166(EU).

Skin protection: Wear appropriate clothing to prevent repeated or prolonged skin contact. Use appropriate hand lotion to prevent defatting and cracking of skin.

Environmental: Avoid releasing into the environment.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

State:	Liquid
Colour:	Blue
Odour:	Lemon
pH	(concentrated solution): 10.2-10.5
Relative density:	1.035 @ 20 °C
Solubility(ies)	Soluble in water.

Explosive under the influence of a flame: Not considered to be explosive.

Comments Information given is applicable to the product as supplied.

9.2 Other safety information

Not relevant

SECTION 10: Stability and reactivity

10.1 Reactivity

There are no known reactivity hazards associated with this product

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Not applicable

10.4 Conditions to avoid

Avoid exposure to high temperatures or direct sunlight

10.5 Incompatible materials

No specific material or group of materials is likely to react with the product to produce a hazardous situation

10.6 Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Toxicological effects

No information available.

Acute toxicity - oral

ATE oral (mg/kg) 14,596.18

Acute toxicity - dermal

ATE dermal (mg/kg) 62,400.0

General Information: This product has low toxicity

Skin contact: Skin irritation should not occur when used as recommended. Prolonged or repeated exposure may cause the following adverse effects: Irritation. Redness. Dryness and/or cracking. Mild dermatitis, allergic skin rash.

Eye contact:	Irritating to eyes. May cause serious eye damage. Severe irritation, burning, tearing and blurred vision. Corneal damage.
Ingestion:	May cause irritation. Symptoms following overexposure may include the following: Stomach pain. Nausea, vomiting. Diarrhoea

SECTION 12: Ecological information

Ecotoxicity	There are no data on the ecotoxicity of this product. Not regarded as dangerous for the environment.
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12.1 Toxicity

Not considered toxic to fish

12.2 Persistence and degradability

There are no data on the degradability of this product. The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request, or at the request of a detergent manufacturer

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

The product is water-soluble and may spread in water systems

12.5 Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

12.6 Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Disposal operations: Do not discharge into drains or watercourses or onto the ground.

Disposal methods: Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Reuse or recycle products wherever possible.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

No transport warning sign required

14.4. Packing group

Not applicable

14.5. Environmental hazards

Environmentally hazardous: No

14.6. Special precautions for user

Special precautions: Not applicable

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

National regulations Control of Substances Hazardous to Health Regulations 2002 (as amended).

EU legislation Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
Commission Regulation (EU) No 453/2010 of 20 May 2010.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended).

Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments. Commission Regulation (EU) No 2015/830 of 28 May 2015.

Guidance

Workplace Exposure Limits EH40.

ECHA Guidance on the Application of the CLP Criteria.

ECHA Guidance on the compilation of safety data sheets.

COSHH Essentials.

Technical Guidance WM2: Hazardous Waste.

15.2 Chemical safety assessment

No information available

SECTION 16: Other information**Abbreviations and acronyms used in the safety data sheet**

DNEL: Derived No Effect Level.

PBT: Persistent, Bioaccumulative and Toxic substance.

PNEC: Predicted No Effect Concentration.

MARPOL 73/78: International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978

Revision comments

New revision number applied to comply with Commission Regulation (EU) No 2015/830 Of 28 May 2015' NOTE: Lines within the margin indicate significant changes from the previous revision.

SDS number

20795

Phrases used in s.2 and 3:

R21/22 Harmful in contact with skin and if swallowed.

R22: Harmful if swallowed.

R34: Causes burns

R41: Risk of serious damage to eyes

R50: Very toxic to aquatic organisms

Hazard statements in full:

H302: Harmful if swallowed.

H312: Harmful in contact with skin.

H314: Causes severe skin burns and eye damage.

- H315: Causes skin irritation.
- H318: Causes serious eye damage.
- H400: Very toxic to aquatic life.
- H412: Harmful to aquatic life with long lasting effects.

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Solmedia Ltd shall not be held liable for any damage resulting from handling or from contact with the above product.