
SAFETY DATA SHEET

DEEP KLEEN CONCENTRATE

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

1.1 Product identifier

- Product Name: DEEP KLEEN CONCENTRATE

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

- Use of the substance/mixture: Detergent sanitizer

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: DaleSauna Ltd
- Address of Supplier: Jubilee Court, Copgrove, Harrogate, HG3 3TB
- Telephone: +44(0)1423 798630
- Email: sales@dalesauna.co.uk

1.4 Emergency telephone number

- Emergency Telephone: +44(0)1423 798630
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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Skin Corr. 1B, Aquatic Chronic 2

2.2 Label elements



GHS05



GHS09

- Signal Word: Danger

Hazard statements

- H314 - Causes severe skin burns and eye damage.
- H412 - Harmful to aquatic life with long lasting effects.
- EUH208 - Contains d-Limonene. May produce an allergic reaction.

Precautionary statements

- P102 - Keep out of reach of children.
- P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
- P264 - Wash hands thoroughly after handling.
- P273 - Avoid release to the environment.
- P501 - Dispose of contents/container to an authorised waste collection point

2.3 Other hazards

- No additional information available.
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SECTION 3: Composition/information on ingredients

3.2 Mixtures

SECTION 3: Composition/information on ingredients (....)**Citric Acid Monohydrate**

CAS Number: 5949-29-1
EC Number:
Concentration: <1%
Categories: Eye Irrit. 2

1-Heptanol, 2-propyl-,ethoxylated (> 5 - <=10 EO)

CAS Number: 160875-66-1
EC Number: 605-233-7
Concentration: 5 - 10%
Categories: Acute Tox. 4, Eye Dam. 1
Symbols: GHS05, GHS07
H Statements: H302;H318

phosphoric acid ... %, orthophosphoric acid.....%

CAS Number: 7664-38-2
EC Number: 231-633-2
Concentration: 15 - 20%
Categories: Skin Corr. 1B
Symbols: GHS05
H Statements: H314

d-Limonene

CAS Number: 5989-27-5
EC Number: 227-813-5
Concentration: 0.35%
Categories: Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1
Symbols: GHS02;GHS07;GHS09
H Statements: H226;H315;H317;H400;H410

Quaternary ammonium compounds, benzyl (C12 - C16) alkyl dimethyl, chlorides

CAS Number: 68424-85-1
EC Number: 270-325-2
Concentration: 5 - 10%
Categories: Acute Tox. 4, Skin Corr. 1B, Eye Dam. 1, Aquatic Acute 1, Aquatic Chronic 1
Symbols: GHS05;GHS09;GHS07
H Statements: H302;H314;H318;H410;H400

SECTION 4: First aid measures**4.1 Description of first aid measures**

- Wash contaminated clothing before reuse.

Contact with eyes

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 immediately. Continue to rinse.

Contact with skin

Remove contaminated clothing. Rinse with water. Get prompt medical attention. Contact physician if discomfort continues.

Ingestion

DO NOT INDUCE VOMITING. Rinse mouth thoroughly. Drink plenty of water. Get medical attention immediately.

Inhalation

Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical

SECTION 4: First aid measures (....)

attention.

4.2 Most important symptoms and effects, both acute and delayed**Inhalation**

Inhalation of vapour / mist may cause irritation of airways. May cause burns.

Ingestion

Liquid irritates mucous membranes and may cause abdominal pain if swallowed. Causes severe burns

Contact with skin

Causes severe burns

Contact with eyes

Causes serious eye damage. May cause permanent damage if eye is not immediately irrigated.

4.3 Indication of any immediate medical attention and special treatment needed

- Refer to section 4.1.
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SECTION 5: Firefighting measures**5.1 Extinguishing media**

- Carbon dioxide (CO₂). foam. Dry chemicals, sand, dolomite etc. Water spray.

5.2 Special hazards arising from the substance or mixture

- May emit toxic fumes if burnt

5.3 Advice for firefighters

- Wear self-contained breathing apparatus. Keep run-off water out of sewers and water sources.
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SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

- Wear suitable gloves and eye/face protection

6.2 Environmental precautions

- Do not allow to enter the surface water drain, sewers, or ground.

6.3 Methods and material for containment and cleaning up

- Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth. Place into containers. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

6.4 Reference to other sections

- See section 8 for further information on personal protective equipment. See section 13 for disposal.
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SECTION 7: Handling and storage**7.1 Precautions for safe handling**

- Avoid spilling, skin and eye contact.

7.2 Conditions for safe storage, including any incompatibilities

- Keep in cool, dry, ventilated storage and closed containers. General chemical storage.

7.3 Specific end use(s)

- Detergent sanitizer
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SECTION 8: Exposure controls/personal protection**8.1 Control parameters**

SECTION 8: Exposure controls/personal protection (....)

- Not applicable

8.2 Exposure controls**Gloves****Goggles**

- VENTILATION: Provide sufficient ventilation during operations which cause mist formation.
- PROCESS CONDITIONS: Provide eyewash station.
- RESPIRATORS: Wear an approved respirator if exposed to aerosol or mist in enclosed areas.
- PROTECTIVE GLOVES: Wear chemical resistant gloves.
- EYE PROTECTION: Wear approved chemical safety goggles / face protection.
- HYGIENIC WORK PRACTICES: Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

- Physical state: Liquid
- Colour: Red / Orange
- Odour: Mild / Fruit
- Solubility Description: Miscible with water
- Boiling Point (°C, interval): ~100
- Melting / Freezing Point: ~0
- Density / Specific Gravity (g/ml): ~1.0 @ 20°C
- Vapour Pressure: 2.3 kPa @ 20°C
- pH-Value, Conc. Solution: 2 - 4
- Flashpoint: N/A
- Autoignition Temperature: N/A
- Flammability Limit - Lower (%): N/A
- Flammability Limit - Upper (%): N/A

9.2 Other information

- No additional information available.

SECTION 10: Stability and reactivity**10.1 Reactivity**

- No dangerous reactions known.

10.2 Chemical stability

- Normally stable.

10.3 Possibility of hazardous reactions

- Refer to section 10.1 on reactivity.

10.4 Conditions to avoid

- Non Known.

10.5 Incompatible materials

- Strong acids. Strong alkalis. Strong oxidising agents.

10.6 Hazardous decomposition products

- Non Known.

SECTION 11: Toxicological information**11.1 Information on toxicological effects**

SECTION 11: Toxicological information (....)

- HEALTH HAZARDS, GENERAL: May cause chemical burns.
 - INHALATION: Inhalation of aerosol or mist may irritate the respiratory tract.
 - INGESTION: Liquid irritates mucous membranes and may cause abdominal pain if swallowed.
 - SKIN: Prolonged or repeated exposure may cause irritation. Causes burns.
 - EYES: Irritating to eyes. May cause permanent damage. Causes burns.
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SECTION 12: Ecological information**12.1 Toxicity**

- Do not allow to enter soil, waterways or sewer. This product contains materials that are classified as dangerous for the environment.

12.2 Persistence and degradability

- The product is expected to be readily biodegradable.

12.3 Bioaccumulative potential

- The product is not expected to bioaccumulate.

12.4 Mobility in soil

- miscible with water

12.5 Results of PBT and vPvB assessment

- No additional information available.

12.6 Other adverse effects

- No other effects known.
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SECTION 13: Disposal considerations**13.1 Waste treatment methods**

- Dispose of in accordance with Local Authority requirements. Use a licensed Waste contractor.
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SECTION 14: Transport information**Corrosive****Environmentally hazardous****14.1 UN number or ID number**

- UN No.: 1760

14.2 UN proper shipping name

- Proper Shipping Name: CORROSIVE LIQUID, N.O.S.

14.3 Transport hazard class(es)

- Hazard Class: 8

14.4 Packing group

- Packing Group: III

14.5 Environmental hazards

- Marine Pollutant

14.6 Special precautions for user

- Contains: Phosphoric acid ... %, orthophosphoric acid ... %
Quaternary ammonium compounds, benzyl (C12 - C16) alkyl dimethyl, chlorides

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

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

- Health and Safety at Work Act 1974. The Control of Substances Hazardous to Health Regulations. European Regulation (EC) No 1907/2006 Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). European Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures (CLP), adopting in the EU the Globally Harmonised System (GHS)..

15.2 Chemical safety assessment

- Not required.
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SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H226: Flammable liquid and vapour. H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage. H315: Causes skin 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.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves of such information for their own particular use.

--- end of safety datasheet ---
