



SAFETY DATA SHEET

Date of Issue: 01/02/2022

Issue: 7

D-Panthenol 75W

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

1.1. Product Identifier

Product name: D-Panthenol 75W
CAS number: 81-13-0 & 7732-18-5
EC number: 201-327-3 & 231-791-2
INCI Name: Panthenol (and) Aqua

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

Use of substance / mixture: Emollient, lubricant.

1.3. Details of the supplier of the safety data sheet

Supplier Name: The Soap Kitchen Ltd
Supplier Address: Unit E Swinton Bridge Industrial Estate
White Lea Road
Swinton
South Yorkshire
S64 8BH
UK
01237420872
enquiries@thesoapkitchen.co.uk

1.4. Emergency telephone number

Telephone: 01237420872

Section 2: Hazards Identification

2.1. Classification of the substance or mixture

The mixture is classified as following to regulation (EC) No 1272/2008:

Hazard Classes/Hazard Categories: Not classified for supply
Hazard Codes: Not classified for supply

2.2. Label elements

Label Elements: This product has no label elements as it is not classified

2.3. Other hazards

PBT: This substance is not identified as a PBT substance

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Section 3: Composition/information on ingredients

3.1. Substances

Chemical Name	Registration No	CAS No	EC No	Concentration	Classification
Dexpanthenol	01-2119953737-24-0003	81-13-0	201-327-3	75%	Not Classified
water	n/a	7732-18-5	231-791-2	25%	Not Classified

Section 4: First aid measures

4.1. Description of first aid measures

- Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Seek medical advice if irritation occurs after washing.
- Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.
- Ingestion:** Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.
- Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so.

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

In some cases of exposure, the following symptoms may be observed:

- Skin contact:** Not applicable
- Eye contact:** Not applicable
- Ingestion:** Not applicable
- Inhalation:** Not applicable

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

- Skin contact:** If skin irritation or rash occurs, seek medical advice
- Eye contact:** Not applicable
- Ingestion:** Not applicable.
- Inhalation:** Not applicable

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Carbon dioxide. Alcohol or polymer foam. Dry chemical powder.

5.2. Special hazards arising from the substance or mixture

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Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: 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: Contain the spillage using bunding. Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a suitable container. Wash the spillage site with large amounts of water.

6.4. Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on PPE

See section 13 for information on disposal

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Good Hygienic practises should be observed.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. Storage temperature <25°C

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Not applicable

Section 8: Exposure controls/personal protection

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8.1. Control parameters

Workplace exposure limits: Not applicable.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.
Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.
Hand protection: Protective gloves.
Eye protection: Safety goggles.
Skin protection: Protective clothing with elasticated cuffs and closed neck.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid, viscous
Colour: Colourless to slightly yellow
Odour: Virtually Odourless
Density: 1.2 g/cm³ at 20 °C
Melting Point (°C): -25°C
Boiling Point (°C): 235.6°C
Vapour pressure (25°C): 0.000056 Pa
n-Octanol/Water (log Po/w): -1.06 at 22 °C
Auto-ignition temperature: > 400 °C
Dissociation constant in water(pKa): 11.65(22 °C)

9.2. Other information

Not applicable

Section 10: Stability and reactivity

10.1. Reactivity

The substance is stable under normal storage and handling conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Not applicable

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10.4. Conditions to avoid

Conditions to avoid: Avoid open flames and heat.

10.5. Incompatible materials

Incompatible materials: Strong acids and strong bases,, strong oxidising agents

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values:

Dexpanthenol (CAS#81-13-0)

LD50(Oral, Rat): > 10000 mg/kg bw

LD50(Dermal, Rat): > 2000 mg/kg bw

LC50(Inhalation, Rat): Not available

Symptoms / routes of exposure

Not applicable

Section 12: Ecological information

12.1. Toxicity

Acute Toxicity		Time	Species	Method	Evaluation	Remarks
LC50	>1000 mg/L	96h	Fish	OECD 203	N/A	N/A
EC50	>100 mg/L	48h	Daphnia	OECD 202	N/A	N/A
EC50	>100 mg/L	72h	Algae	OECD 201	N/A	N/A

12.2. Persistence and degradability

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Persistence and degradability:

D-Panthenol 75W is substantially biodegradable in conventional biological purification treatment

12.3. Bioaccumulative potential

Not data available

12.4. Mobility in soil

Mobility: Soluble in water.

12.5. Results of PBT and vPvB assessment

PBT identification: This substance is not identified as a PBT substance.

12.6. Other adverse effects

Not applicable

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Must be disposed of in accordance with local and national regulations.
Disposal of packaging: Dispose of as normal industrial waste.
NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: Not classified for transport

14.2. UN proper shipping name

UN proper shipping name: Not applicable.

14.3. Transport hazard class(es)

Transport hazard class: Not applicable.

14.4. Packing group

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Packing group: Not applicable.

14.5. Environmental hazards

Environmental hazards: Not classified as environmentally hazardous according to UN Model Regulations (IMDG, ADR, RID and ADN)

14.6. Special precautions for user

Disposal operations: Must be disposed of in accordance with local and national regulations.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

Transport in bulk: Product will not be transported in bulk

Section 15: Regulatory information

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

Employment restrictions concerning young person must be observed. For use only by technically qualified individuals.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 5015/830.

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.

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