

AKÖMA™

FROM THE HEART

MATERIAL SAFETY DATA SHEET

1 - Identification of Product and Supplier

<u>Product Name:</u>	D Panthenol Solution
<u>Product Use:</u>	For external/cosmetics use only.
<u>Supplier:</u>	Akoma International (UK) LTD Unit 9A Sawley Park Nottingham Road Derby DE21 6AS Tel: +44 (0) 1332 613 967
<u>Emergency Contact:</u>	Mr. Wynn Mensah – Tel: 01332 613 967

2 - Composition and information on ingredients:

<u>INCI Name:</u>	Panthenol, Aqua
Mixtures	

3 - Hazards identification:

Risk Phrases:	Not Classified
Safety Phrases:	Not Classified

4 - First aid measures:

<u>General information:</u>	Remove affected person from source of contamination. Perform artificial respiration if breathing has stopped.
<u>Inhalation:</u>	Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.
<u>Ingestion:</u>	If necessary, rinse mouth and provide fresh air. Get medical attention if any discomfort continues.

Skin contact: If necessary remove contaminated clothing and wash skin with soap and water. Get medical attention if any discomfort continues.

Eye contact: Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

5 - Fire - Fighting measures:

Extinguishing media: Carbon dioxide, dry powders, foam

Special hazards arising from the substance or mixture:

No unusual fire or explosion hazards noted. When heated and in case of fire, toxic vapours/gases may be formed.

Protective equipment for fire-fighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Special Fire Fighting Procedures: Containers close to fire should be removed immediately or cooled with water.

6 - Accidental release measures:

Measures for personal safety: Use protective gloves, goggles and suitable protective clothing. In case of spills, beware of slippery floors and surfaces

Environmental measures: Do not discharge into drains, water courses or onto the ground.

Cleaning methods: Absorb with inert, damp, non-combustible material, then flush area with water. Shovel into dry containers. Cover and move the containers. Flush the area with water.

7 - Handling and storage:

Handling precautions: Avoid spilling, skin and eye contact. Ensure adequate ventilation of the working area. Adopt best manual handling considerations when handling, carrying and dispensing.

Storage conditions: Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Protect from freezing and direct sunlight.

Storage Class: Unspecified storage.

8 - Exposure controls and personal protection:

Exposure Controls: Protective Equipment

Engineering Controls: Provide adequate ventilation.

<u>Respiratory equipment:</u>	No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.
<u>Personal Protection Measures:</u>	
Hand Protection:	Protective gloves should be used if there is a risk of direct contact or splash.
Eye protection:	If risk of splashing, wear safety goggles or face shield.
Skin Protection:	Wear apron or protective clothing in case of splashes.
Hygiene measures:	No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.
<u>Other:</u>	Wear appropriate clothing to prevent any possibility of skin contact.

9 - Physical data and chemical properties:

<u>Appearance:</u>	Clear semi viscous liquid
<u>Colour:</u>	Colourless to pale yellow.
<u>Odour:</u>	Odourless
pH @ 20 Degrees °C:	9.0 – 10.0
Specific Gravity at 20°C:	1.10 – 1.18

10 - Stability and Reactivity:

<u>Chemical Stability:</u>	Stable under normal temperature conditions.
<u>Conditions to avoid:</u>	Avoid heat, flames and other sources of ignition.
<u>Materials to avoid:</u>	Strong oxidising substances. Strong acids. Strong alkalis.
<u>Possibility of hazardous reactions:</u>	Hazardous Polymerisation will not polymerise.
<u>Hazardous decomposition products:</u>	In case of fire, toxic gases (CO, CO ₂ , NO _x) may be formed.

11 - Toxicological information:

<u>General information:</u>	No specific health warnings noted.
<u>Inhalation:</u>	No specific health warnings noted.
<u>Ingestion:</u>	No specific health warnings noted. No harmful effects expected in amounts likely to be ingested by accident. FOR EXTERNAL USE ONLY.
<u>Skin contact:</u>	No specific health warnings noted.
<u>Eye contact:</u>	Spray and vapour in the eyes may cause irritation and smarting.
<u>Health Warnings:</u>	No specific health warnings noted.
<u>Medical Symptoms:</u>	No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.
<u>Medical Considerations:</u>	Persons with rash are directed to skin expert for examination of allergic eczema.

12 - Ecological information:

<u>Mobility:</u>	N/A
<u>Bio-accumulative potential:</u>	N/A
<u>Results of PBT assessment:</u>	N/A
<u>Biodegradability:</u>	N/A

13 - Disposal considerations:

Residue for disposal: Waste is suitable for incineration.

Waste packing: Dispose of waste and residues in accordance with local authority requirements.

14 - Transport information:

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

15 - Regulatory information:

Statutory Instruments:	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).
Approved Code Of Practice:	Classification and Labelling of Substances and Preparations Dangerous for Supply.
Guidance Notes:	Workplace Exposure Limits EH40.
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), establishing a European Chemicals Agency, amending Directive: 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

16 - Other information:

Shelf Life: 24 months when stored within advised conditions.

Q.C. REQUIREMENTS

In-line with general product specification. Always satisfy suitability for specific application.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.



Akoma International (UK) LTD

Unit 9A Sawley Park
Nottingham Road
Derby
DE21 6AS
Tel: +44 (0) 1332 613 967