

SAFETY DATA SHEET
ALKAPHARM SYSTEM 4 AUTOCLAVE CLEANER

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

1.1. Product identifier

Product name: ALKAPHARM SYSTEM 4 AUTOCLAVE CLEANER

Product code: SYS4000

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

Use of substance / mixture: Bench top autoclave steam cleaning solution.

1.3. Details of the supplier of the safety data sheet

Company name: Alkapharm UK Limited
Units 1-3, Pillaton Hall Farm
Pillaton
Penkridge
Staffordshire
ST19 5RZ
www.alkapharm.co.uk

Tel: 01785 714919

Fax: 01785 716951

Email: enquiries@alkapharm.co.uk

1.4. Emergency telephone number

Emergency tel: 01785 714919
(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Eye Irrit. 2: H319

Most important adverse effects: Causes serious eye irritation.

2.2. Label elements

Label elements:

Hazard statements: H319: Causes serious eye irritation.

Signal words: Warning

Hazard pictograms: GHS07: Exclamation mark



Precautionary statements: P280: Wear ing protective gloves and safety glasses recommended when mixing concentrate.

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P264: Wash hands thoroughly after handling.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+313: If eye irritation persists: Get medical attention.

2.3. Other hazards

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

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

1150 DISODIUM CHELATING AGENT

EINECS	CAS	PBT / WEL	CLP Classification	Percent
-	135-37-5	-	Eye Irrit. 2: H319; Skin Irrit. 2: H315	1-10%

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes, and seek medical attention if irritation persists.

Ingestion: Do not induce vomiting. Wash mouth with water and give plenty of water to drink immediately. Obtain medical attention if necessary and show label on container.

Inhalation: Irritation is unlikely to occur but in the event of discomfort, provide plenty of fresh air and if necessary seek medical assistance.

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: Irritation is unlikely. In the event of discomfort, provide plenty of fresh air.

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

Immediate / special treatment: Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: No known specific hazards

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5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. 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: Do not discharge into drains or rivers. For small spills absorb into paper or other suitable material

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid spilling, skin and eye contact.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Keep in suitable plastic containers if decanting from original packaging.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: No specific measures required.

Respiratory protection: No specific respiratory measures required.

Hand protection: Protective gloves.

Eye protection: Safety glasses recommended. Ensure eye bath is to hand.

Skin protection: Protective clothing not required in normal use.

Section 9: Physical and chemical properties

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9.1. Information on basic physical and chemical properties

State: Liquid
Colour: Colourless
Odour: Barely perceptible odour
Evaporation rate: Negligible
Solubility in water: Soluble
Viscosity: Non-viscous
Flash point°C: >93
pH: 9.5-10.5

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: None under normal conditions.

Section 11: Toxicological information

11.1. Information on toxicological effects

Relevant hazards for substance:

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.
Eye contact: There may be irritation and redness. The eyes may water profusely.
Ingestion: There may be soreness and redness of the mouth and throat.
Inhalation: Irritation is unlikely. In the event of discomfort, provide plenty of fresh air.

[cont...]

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Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

1150 DISODIUM CHELATING AGENT

MARINE ALGAE (Skeletonema costatum)	72H ErC50	>5600	mg/l
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12.2. Persistence and degradability

Persistence and degradability: Rapidly biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

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

12.6. Other adverse effects

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Dispose of in accordance with current legislation and local authority regulations. If outside the U.K, comply with local waste disposal regulations.

Disposal of packaging: Dispose 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: N/A

14.2. UN proper shipping name

Shipping name: This product is exempt from transport classification and labelling.

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2013 - IMDG 2012 - ICAO/IATA 2014).

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

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14.6. Special precautions for user

Special precautions: No special precautions.

Section 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

Phrases used in s.2 and s.3: H315: Causes skin irritation.
H319: Causes serious eye irritation.

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.