

MicroSol 3+™ CONCENTRATE

ANACHEM MicroSol 3+™

SAFETY DATA SHEET HSD/dev02

(1) **IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY**

Name: MicroSol 3+™
Supplier: Anachem Ltd
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(2) **COMPOSITION/INFORMATION ON INGREDIENTS**

Composition: A blend of tertiary alkylamine and quaternary ammonium compound biocides, with a detergent and sequestering agent.

<u>Chemical</u>	<u>% Concentration</u>	<u>Classification</u>	<u>CAS</u>	<u>Exposure</u>
N,N-didecyl-N,N-dimethylammonium chloride	1 - 5	C;R34 X _n ; R22 N; R50	7173-51-5	None assigned

For the full text of the R-phrases mentioned in this section, please refer to section 16.

(3) **HAZARDS IDENTIFICATION**

May cause irritation in contact with eyes and skin.

(4) **FIRST AID MEASURES**

<u>Exposure Route</u>	<u>Symptom</u>	<u>Treatment</u>
INHALATION	Irritation to nose, throat and respiratory tract through inhalation of mechanically generated aerosols.	Remove from exposure, keep at rest. If symptoms persist, seek medical advice.
SKIN CONTACT	Extended contact with the skin may result in inflammation and irritation.	Remove contaminated clothing. Wash affected area with water. Seek medical attention if irritation persists.
EYE CONTACT	Irritation, burning sensation.	Irrigate thoroughly with water or buffered eye wash for at least 15 minutes. If affected person is wearing contact lenses, do not remove immediately; irrigate as above for 5 minutes, remove contact lenses and continue as above. Seek medical attention.
INGESTION	Irritation to mouth, upper digestive tract and stomach. Nausea.	If conscious, allow patient to drink water. Wash mouth with water. Seek medical attention.

(5) **FIRE-FIGHTING MEASURES**

Suitable

extinguisher: CO₂, Foam, Dry powder, Water.

Special

precautions: If without personal risk, prevent contamination of drains and watercourses.

Special

protective

equipment:

Fire fighting personnel are required to wear self-contained breathing apparatus and full protective clothing in the event of a fire involving Ambicide, since nitrogen oxides and hydrochloric acid may be evolved.

Further

information: Always select extinguisher appropriate to the surrounding conditions and local circumstances.

(6) **ACCIDENTAL RELEASE PROCEDURES**

Personal

precautions: Wear protective equipment (see Section 8).
Prevent access by unauthorised/unprotected persons.

Environmental

precautions: Prevent entry of the product into drains and watercourses.

Methods for

cleaning up:

Contain and absorb with sand or other inert absorbent material and place in suitable containers for disposal. Rinse down area with large quantity of water.

(7) **HANDLING AND STORING**

Precautions

during

handling:

Wear protective clothing (See Section 8).

Storage:

Store in original container.

(8) **EXPOSURE CONTROLS/PERSONAL PROTECTION**

Engineering

Measures: No specific measures required provided the product is handled according to general safety procedures.

Control

Parameters: None specified.

Personal Protection.

Respiratory: None required when handling the product concentrate under normal usage conditions.

Hand: Rubber gloves (eg Marigold type GO4Y).

Eye: Goggles to BS EN166 standard.

(9) **PHYSICAL AND CHEMICAL PROPERTIES**

Form: Mobile liquid.
Appearance: Clear, pale yellow.
Odour: None discernable/faint ammoniacal.
Solubility (water at 20°C): Freely soluble.

(10) **STABILITY AND REACTIVITY**

Stability: Stable under normal conditions.
Conditions to avoid: Avoid low temperatures (<5°C) where possible when using the product, since an increase in viscosity occurs. Do not allow to freeze.
Materials to avoid: Oxidising agents, anionic detergents.
Hazardous decomposition products: Hydrochloric acid, carbon oxides, nitrogen oxides upon combustion.

(11) **TOXICOLOGICAL INFORMATION**

TEST DATA

Acute Oral Toxicity: No data.
Skin Irritation: No data
Eye Irritation: No data

(12) **ECOLOGICAL INFORMATION**

Persistence & Degradability: No data.
Bio-accumulation: Not expected.
Aquatic Toxicity: No data

(13) **DISPOSAL CONSIDERATIONS**

Disposal of product: Dispose of in accordance with local restrictions.
Disposal of Packaging: Dispose of in accordance with local restrictions.

(14) **TRANSPORT INFORMATION**

Not classified as dangerous within the meaning of the transport regulations (ADR, CDG, IATA, IMDG)

(15) **REGULATORY INFORMATION**

Legislation: The product is not classified as dangerous within the meaning of the Chemicals (Hazard Information and Packaging) Regulations 2002 (CHIP3).

(16) **OTHER INFORMATION**

Uses: Sanitizer.

Further Product

Information: The customer should satisfy themselves that the product is suitable for the intended purpose, and that a suitable and sufficient assessment of any risks created by any activity using this product is undertaken before use.

Explanation of Risk-phrase (R-phrase) texts mentioned in section 2:

R22 Harmful by ingestion.
R34 Causes burns.
R50 Very toxic to aquatic organisms.

The above information is based upon our current state of knowledge of the product at the time of publication. The data is given in good faith and is designed only as a guidance to users of possible risks, and therefore does not constitute a guarantee of product quality or performance.

Revision: -

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