

SAFETY DATA SHEET

Cleankill® Sanitising Spray

This Safety Data Sheet contains information concerning the potential risks to those involved in handling, transporting and working with the material, as well as describing potential risks to the consumer and the environment. This information must be made available to those who may come into contact with the material or are responsible for the use of the material. This Safety Data Sheet is prepared in accordance with formatting described in the REACH Regulation (EC) No 1907/2006, and described in CLP Regulation (EC) No 1272/2008.

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

- 1.1 Product identifier**
Cleankill® Sanitising Spray
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
Disinfectant
- 1.3 Details of the supplier of the safety data sheet**
Animax Ltd.
Shepherds Grove West
Stanton
Bury St Edmunds
Suffolk
IP31 2AR
Tel: 44 (0) 1359 252181
E mail: info@animax-vet.com
- 1.4 Emergency telephone number**

In case of emergency
National Poisons Information Centre (Rol): Tel: 0044 (0) 1359 252181 (9am to 4.30pm)
Tel.: 01 8092166

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Classification in accordance with the Dangerous Preparations Directive 1999/45/EC
Xi; R36/38 Irritating to eyes and skin

Classification in accordance with the Classification Labelling and Packaging Regulation (EC) No 1272/2008
Skin Irrit. 2, H315 Causes skin irritation
Eye Irrit. 2, H319 Causes serious eye irritation

2.2 Label elements

Labelling in accordance with the Classification Labelling and Packaging Regulation (EC) No 1272/2008



WARNING

H315: Causes skin irritation
H319: Causes serious eye irritation

P280: Wear protective gloves/eye protection

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3 Other hazards

This product has not been formally assessed for PBT and vPvB effects, but such properties are not expected.

SECTION 3: Composition

3.1 Substances

Not applicable.

3.2 Mixtures

This product contains the following substances above thresholds of concern:

Name	EC/CAS No	Concentration	Classification (CLP)	Classification (DSD)
Didecyl Dimethyl Ammonium Chloride	230-525-2 7173-51-5	0.5 – 2.0%	Acute Tox. 4 H302 Skin Corr. 1B H314 Aquatic Acute 1 H400 Aquatic Chronic 2 H411 M=10	Xn;R22 C; R34 N; R50, R51/53

See section 16 for full description of R phrases and H statements.

SECTION 4: First Aid Measures

4.1 Description of first aid measures

Ingestion Do NOT induce vomiting. Wash mouth out thoroughly with water and then drink plenty (500 ml) of water or milk. Obtain medical attention if signs of discomfort or ill health.

Skin Remove all contaminated clothing and wash affected area with plenty of running water. Seek medical attention if irritation persists.

Eyes Rinse immediately with plenty of cold water. Obtain medical attention if irritation persists.

Inhalation If spray is inhaled, remove to fresh air. If breathing is difficult, oxygen may be given by qualified personnel. Obtain medical attention if any discomfort.

4.2 Most important symptoms and effects, both acute and delayed

Ingestion Symptoms of such overexposure may include vomiting, diarrhoea, and nausea.

Skin Redness, irritation.

Eyes Direct eye contact with the product may cause redness, irritation.

Inhalation Sneezing, coughing, sore throat, in severe cases, breathing difficulties

4.3 Indication of any immediate medical attention and special treatments needed

Treatment should be symptomatic and based on reducing the concentration of the product in the affected areas.

SECTION 5: Firefighting Measures

5.1 Extinguishing media

The product is not combustible. Use extinguishing agents appropriate to the surrounding conditions.

5.2 Special hazards arising from the substance or mixture

None.

5.3 Advice for fire fighters

Wear suitable chemical protective clothing and self-contained breathing apparatus if exposure to spray is likely.

SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes and skin. Wear suitable protective clothing (gloves, overalls, eye protection).

6.2 Environmental precautions

Small quantities may be flushed to sewage drain with plenty of water. Avoid release to natural watercourses.

6.3 Methods and materials for containment and clearing up

Waste material should be collected and placed in a suitable container and disposed of by incineration or as considered acceptable under local regulations. After removal, wash the spillage area with water, avoiding run-off to the environment.

6.4 References to other sections

See section 8 for advice on protective clothing and section 13 for advice on disposal.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Use in a well-ventilated area. Do not swallow; avoid contact with eyes and skin. Do not breathe spray. Remove any contaminated clothing and wash before re-use.

7.2 Conditions for safe storage, including any incompatibilities

Store in original container in a dry, well-ventilated, secure place under the conditions indicated on the product label. Store away from all incompatible materials. Keep container tightly closed when not in use.

7.3 Specific end uses(s)

No specific information.

SECTION 8. Exposure Controls/Personal Protection

8.1 Control parameters

None available.

8.2 Exposure controls

Engineering controls

Use in well-ventilated area.

Handle in accordance with good industrial hygiene and safety practices.

Respiratory protection

Avoid inhalation – use in a well-ventilated area.

Hand Protection

Avoid contact with skin – wear latex, PVC or nitrile rubber gloves

Eye protection

Avoid contact with eyes – wear safety goggles.

Skin protection

Impervious coveralls recommended.

Advice on personal protection is valid for high exposure levels. Select appropriate personal protection based on a risk assessment of the actual exposure situation.

Environmental Exposure Controls

Use appropriate containment to avoid environmental contamination.

SECTION 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance:	Colourless liquid
Odour:	Faint Lemon odour
Odour threshold:	No data
pH:	5.5 – 7.0
Melting point:	Similar to water
Boiling point:	Similar to water
Flashpoint:	Not applicable
Evaporation rate:	Not applicable
Flammability:	Not flammable
Upper/lower flammability limits:	Not applicable
Vapour pressure:	Not applicable
Vapour density:	Not applicable
Relative density:	No data
Solubility in water:	Completely Miscible
Solubility in other solvents:	No data
Partition coefficient (log K_{ow}):	Not applicable
Autoignition temperature:	Not applicable
Decomposition temperature:	No data
Viscosity:	Not applicable
Explosive properties:	Not classified as explosive.
Oxidising properties:	Not classified as oxidising.

9.2 Other information

None

SECTION 10: Stability and Reactivity

10.1 Reactivity

No hazardous reactions are anticipated.

10.2 Chemical stability

Stable under ambient conditions.

10.3 Possibility of hazardous reactions

Hazardous polymerisation will not occur.

10.4 Conditions to Avoid

High temperature and humidity

10.5 Incompatible materials

Strong oxidising agents.

10.6 Hazardous decomposition products

If heated to decomposition, may release hydrogen chloride, oxides of nitrogen.

SECTION 11: Toxicological Information

11.1 Information on toxicological effects

This product has not been tested. Judgements on the expected toxicity of this product have been made based upon consideration of its major components.

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|--|---|
| (a) acute toxicity | Not expected to present a hazard. The ATE of the mixture is >2000 mg/kg.. |
| (b) skin corrosion/irritation | Expected to be irritating based upon consideration of the components. |
| (c) serious eye damage/irritation | Expected to be irritating based upon consideration of the components. |

- (d) **respiratory/skin sensitisation** None of the components are classified for this effect.
- (e) **germ cell mutagenicity** None of the components are classified for this effect.
- (f) **carcinogenicity** None of the components are classified for this effect.
- (g) **reproductive toxicity** None of the components are classified for this effect.
- (h) **STOT-single exposure** Not classified as hazardous but inhalation of sprays may be slightly irritating to the respiratory tract.
- (i) **STOT-repeated exposure** None of the components are classified for this effect.
- (j) **aspiration hazard** Not applicable.

SECTION 12: Ecological Information

12.1 Toxicity

The mixture is not classified as hazardous based on consideration of the components.

12.2 Persistence and degradability

The organic components are considered to be biodegradable.

12.3 Bioaccumulative potential

Not expected to bioaccumulate.

12.4 Mobility in soil

The components are soluble and expected to partition to the aquatic compartment.

12.5 Results of PBT and vPvB assessment

A PBT and vPvB assessment has not been carried out, however, none of the components are considered likely to be PBT or vPvB.

12.6 Other adverse effects

Product is considered to be biocidal, although will lose biocidal activity if diluted in the environment.

SECTION 13: Disposal Considerations

13.1 Waste treatment methods

Product

Avoid or minimise the generation of waste. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus product via a licensed waste disposal contractor.

Packaging

Waste packaging should be recycled where possible. Incineration or landfill should be considered only when recycling is not feasible. Empty containers or liners may retain some product residues.

Disposal of this product, solutions and packaging should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

SECTION 14: Transport Information

	ADR	IMDG	ICAO
14.1 UN Number	None	None	None
14.2 UN Proper shipping name	None	None	None
14.3 Transport hazard class(es)	None	None	None
14.4 Packing group	None	None	None
14.5 Environmental hazards	None	None	None
14.6 Special precautions for user	Not applicable	Not applicable	Not applicable
14.7 Transport in bulk	Not applicable	Not applicable	Not applicable

according to Annex II of MARPOL 73/78 and the IBC Code			
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SECTION 15: Regulatory Information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

All components are listed as existing substances in Europe

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

SECTION 16: Other Information**Revision information:**

Change in name of manufacturer

List of Abbreviations used in this SDS:

CAS Chemical Abstracts Service
CLP Classification, Labelling and Packaging Regulation (EC) no 1272/2008
DSD Dangerous Substances Directive 67/548/EEC
DPD Dangerous Preparations Directive 1999/45/EC
EC European Community/Commission
PBT Persistent, Bioaccumulative and Toxic
REACH Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) no 1907/2006
vPvB very Persistent, very Bioaccumulative

References:

1. ECHA database disseminated registration dossiers
2. Classification and Labelling Inventory

Method used for classification of mixtures:

Ingredient based approaches

R Phrases and H Statements used in Section 3

H302 Harmful if swallowed
H314 Causes severe skin burns and eye damage
H400: Very toxic to aquatic life
H411: Toxic to aquatic life with long lasting effects

R22 Harmful if swallowed.

R34 Causes burns.

R50 Very toxic to aquatic organism

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Training requirements for workers

No special requirements.