

Product SURFACE SANITISER
 Revision date 19 January 2021
 Revision 2



Safety Data Sheet (SDS)

according to Regulation (EC) No. 1907/2006

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

1.1 Product identifier

Product name **ALD20 SURFACE SANITISER**
 Product no. **ALD20**
 Other means of identification No information available.

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

Identified uses ALD20 SurfaceSanitiser.
 Uses advised against No uses advised against are identified.

1.3 Details of the supplier of the safety data sheet

Supplier Manepa Hygienics
 628B Jordanstown Avenue
 Greenogue Business Park
 Rathcoole
 Co. Dublin
 Tel: 014677600
 support@manepa.com

Contact person

1.4 Emergency telephone number

Emergency telephone Emergency Telephone Number: 086 0272033 08:30 – 17:00 Monday to Thursday 08:30 – 16:30 Friday

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (EC 1272/2008)
 Physical and chemical hazards Not classified
 Human health Not classified
 Environment Aquatic Chronic 3 - H412

2.2 Label elements

Contains Not applicable
 Detergent labeling <5% cationic surfactants

Label in accordance with (EC) no. 1272/2008 No pictogram required

Signal word No Signal Word

Hazard statements H412 Harmful to aquatic life with long lasting effects.

Precautionary statements
Prevention
 P273 Avoid release to the environment.
Disposal
 P501 Dispose of contents/ container to a local hazardous waste disposal facility in accordance with all applicable regulations.

2.3 Other hazards

None known.

Section 3: Composition/information on ingredients**3.1 Substance**

Not applicable.

3.2 Mixtures

Name	Product identifier	Regulation (EC) No 1272/2008	%
Didecyldimethylammonium chloride	CAS-No.: 7173-51-5 EC No.: 230-525-2 REACH Reg No.: 01-2119945987-15-XXXX	Acute Tox 3 - H301, Skin Corr. 1B - H314, STOT SE 3 - H336, Flam. Liq 3- H226, Aquatic Chronic 1 - H410	0.1-1%
propan-2-ol	CAS-No.: 67-63-0 EC No.: 200-661-7 REACH Reg No.: 01-2119457558-25-XXXX	Eye Irrit.2A - H319, Flam. Liq 2- H225, STOT SE 3 - H336	0.1-0.9%

The full text for all hazard statements are displayed in section 16.

Composition comments

The data shown are in accordance with the latest EC Directives.

Section 4: First aid measures**4.1 Description of first aid measures****General information**

Provide general first aid, rest, warmth and fresh air. As a general rule, in case of doubt or if symptoms persist, always call a doctor. Seek medical attention for all burns and eye injuries, regardless how minor they may seem. First aid personnel must be aware of own risk during rescue.

Inhalation

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues. If breathing is difficult, provide oxygen. If not breathing, give artificial respiration and get medical attention.

Ingestion

Do not induce vomiting. Thoroughly rinse the mouth with water. If vomiting occurs, keep head low so that stomach content doesn't enter the lungs. Get medical attention if discomfort occurs. Never give anything by mouth to an unconscious person.

Skin contact

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with water. Get medical attention if irritation develops or persists.

Eye contact

Avoid contaminating unaffected eye. Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Remove contact lenses if present and easy to do so. Get prompt medical attention.

4.2 Most important symptoms and effects, both acute and delayed**General information**

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation

High concentrations may be irritating to upper respiratory tract and mucous membranes.

Ingestion

Exposure to liquid product may cause irritation to mouth, throat and esophagus.

Skin contact

Prolonged contact may cause redness, irritation and dry skin.

Eye contact

Causes serious eye irritation. May cause temporary eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed**Notes to the physician**

Treat symptomatically.

Section 5: Firefighting measures**5.1 Extinguishing media****Extinguishing media**

Use fire-extinguishing media appropriate for surrounding materials. This product is not flammable.

Unsuitable extinguishing media

High volume water jet.

5.2 Special hazards arising from the substance or mixture**Hazardous combustion products**

When heated, vapours/gases hazardous to health may be formed.

Unusual fire & explosion hazards

No unusual fire or explosion hazards noted.

Specific hazards

No specific hazards are identified for the product.

5.3 Advice for firefighters

Special fire fighting procedures	Ventilate closed spaces before entering them. If possible, fight fire from protected position. Keep up-wind to avoid fumes. Water spray should be used to cool containers. Avoid breathing fire vapours.
Protective equipment for firefighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

Section 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

For non-emergency personnel	Wear protective clothing as described in Section 8 of this safety data sheet. Avoid inhalation of vapours and contact with skin and eyes. Eliminate all sources of ignition. Provide adequate ventilation. In case of inadequate ventilation, use respiratory protection. Do not touch or walk through spilled material. Wash hands after use.
For emergency responders	Follow safe handling advice and personal protective equipment recommendations for normal use of product.

6.2 Environmental precautions

Environmental precautions	Prevent further leakage or spillage if safe to do so. Prevent entry to sewers and public waters. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.
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6.3 Methods and material for containment and cleaning up

Spill clean up methods	Stop leak if possible without risk. Absorb spillage with non-combustible, absorbent material - sand. In case of a large scale of spill, dyke area with sand to stop the spill spreading. Flush with plenty of water to clean spillage area. Floors may become slippery, avoid falls. Place waste material into suitable labelled sealed containers for disposal.
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6.4 Reference to other sections

Reference to other sections	See section 1 for emergency contact. For personal protection, see section 8. For waste disposal, see section 13.
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Section 7: Handling and storage**7.1 Precautions for safe handling**

Handling	Use proper personal protection when handling (refer to Section 8). Avoid spilling, skin and eye contact. Avoid inhalation of vapours. Read and follow manufacturer's recommendations. Keep away from heat, sparks and open flame. Do not mix with other chemicals. When using, do not eat, drink or smoke. Wash thoroughly after handling.
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7.2 Conditions for safe storage, including any incompatibilities

Storage precautions	Keep upright, locked up and out of reach of children. Keep away from heat, sparks and open flame. Store in tightly closed original container in a dry, cool and well-ventilated place.
Storage class	Unspecified storage.

7.3 Specific end use(s)

Specific end use(s)	The identified uses for this product are detailed in Section 1.2.
Usage description	Use only according to directions. Replace and tighten cap after use.

Section 8: Exposure controls/Personal protection**8.1 Control parameters**

Component	STD	TWA (8 Hrs)	STEL (15mins)	Notes
propan-2-ol	OEL	200 ppm	400 ppm	Sk

propan-2-ol	WEL	400 ppm	999 mg/m ³	500 ppm	1250 mg/m ³
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Ingredient comments

WEL - Workplace Exposure Limits - EH40/2005 Workplace exposure limits. Ireland, Occupational Exposure Limits 2020.

8.2 Exposure Controls**Protective equipment****Engineering measures**

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Respiratory equipment

Use respiratory protection as specified by an industrial hygienist or other qualified professional if concentrations exceed the limits listed in Section 8. Suggested PPE: Respirator with a vapour filter (EN 141). ABEK (EN 14387).

If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as CEN (EU). Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Hand protection

Where hand contact with the product may occur use gloves approved to relevant standards (e.g. Europe: EN374.) EU Directive 89/686/EEC. Selection of the glove material depends on consideration of the penetration times, rates of diffusion and degradation, and concentration specific to the workplace. Gloves must be inspected prior to use.

Suggested material: Nitrile. Minimum layer thickness: 0.4 mm. Minimum breakthrough time / gloves: 480 min. Consult manufacturer for specific advice. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product.

Eye protection

Wear safety goggles/face shield to prevent any possibility of eye contact. Use equipment for eye protection tested and approved under appropriate government standards such as EN 166(EU).

Other protection

Wear appropriate clothing to prevent any possibility of skin contact. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist. The selected clothing must satisfy the European norm standard EN 943.

Hygiene measures

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated.

Process conditions

Ensure that eye flushing systems and safety showers are located close by in the work place.

Section 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Appearance	Liquid.
Colour	Green. Clear.
Odour	Characteristic.
Odour threshold - lower	No information available as testing has not been completed.
Odour threshold - upper	No information available as testing has not been completed.
pH-Value, Conc. Solution	6 - 8
pH-Value, Diluted solution	Not applicable as the product is a concentrated solution.
Melting point	No information available as testing has not been completed.
Initial boiling point and boiling range	No information available as testing has not been completed.
Flash point	Non-Flammable
Evaporation rate	No information available as testing has not been completed.

Flammability state	No information available as testing has not been completed.
Flammability limit - lower(%)	Does not apply, product is not flammable.
Flammability limit - upper(%)	Does not apply, product is not flammable.
Vapour pressure	No information available as testing has not been completed.
Vapour density (air=1)	No information available as testing has not been completed.
Relative density	0.99 - 1.01 kg/l (at 20° C)
Bulk density	Not applicable as the product is a liquid.
Solubility	Soluble in water.
Decomposition temperature	No information available as testing has not been completed.
Partition coefficient; n- Octanol/Water	Does not apply, the product is a mixture.
Auto ignition temperature (° C)	No information available as testing has not been completed.
Viscosity	No information available as testing has not been completed.
Explosive properties	Not classified as explosive.
Oxidising properties	The product does not meet the criteria to be classified as oxidising.

9.2 Other information

Molecular weight	Does not apply, the product is a mixture.
Volatile organic compound	No information available as testing has not been completed.
Other information	None noted.

Section 10: Stability and reactivity

10.1 Reactivity

Reactivity	May react with: Strong oxidizing agents, strong acids, and strong bases.
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10.2 Chemical stability

Stability	Stable under normal temperature conditions and recommended use.
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10.3 Possibility of hazardous reactions

Hazardous reactions	For information on hazardous reaction see section 10.1.
Hazardous polymerisation	Will not polymerise.
Polymerisation description	Not applicable.

10.4 Conditions to Avoid

Conditions to avoid	Avoid storing in large quantities or for long periods of time. Heat, sparks, open flames, temperature extremes and direct sunlight.
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10.5 Incompatible materials

Materials to avoid	Do not mix with other chemicals unless listed on directions. Avoid strong oxidising agents, bases, strong acids.
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10.6 Hazardous decomposition products

Hazardous decomposition products	During fire, toxic gases (CO, CO ₂) are formed.
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Section 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No. 1272/2008**

Toxicological information	No toxicological information for the overall finished product.
Acute toxicity (Oral LD50)	No information available as testing has not been completed.
Acute toxicity (Dermal LD50)	No information available as testing has not been completed.
Acute toxicity (Inhalation LD50)	No information available as testing has not been completed.
Serious eye damage/irritation	May cause temporary eye irritation.
Skin corrosion/irritation	The product is not classified as a skin corrosion/irritation hazard.
Respiratory sensitisation	The product is not classified as a respiratory hazard.
Skin sensitisation	The product is not classified as a skin sensitisation hazard.
Germ cell mutagenicity	The product is not classified as a mutagen.
Carcinogenicity	The product is not classified as a carcinogen hazard.
Specific target organ toxicity - Single exposure:	
STOT - Single exposure	The product is not classified as a single exposure specific target organ toxin.
Specific target organ toxicity - Repeated exposure:	
STOT - Repeated exposure	The product is not classified as a repeat exposure specific target organ toxin.
Inhalation	High concentrations may be irritating to upper respiratory tract and mucous membranes.
Ingestion	Exposure to liquid product may cause irritation to mouth, throat and esophagus.
Skin contact	Prolonged contact may cause redness, irritation and dry skin.
Eye contact	Causes serious eye irritation. May cause temporary eye irritation.
Waste management	When handling waste, consideration should be made to the safety precautions applying to handling of the product.
Routes of entry	Eyes, skin, ingestion or inhalation.
Target organs	Eyes, skin, digestive system, respiratory system.
Aspiration hazards:	The product is not classified as an aspiration hazard.
Reproductive toxicity:	The product is not classified as a reproductive hazard.

Name	LD50 oral	LD50 dermal	LD50 inhalation
Didecyldimethylammonium chloride	238.00mg/kg Rat	3342.00mg/kg Rabbit	

11.2 Information on other hazards

Information on other hazards	None known.
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Section 12: Ecological information**12.1 Toxicity**

Acute toxicity - Fish	No information available as testing has not been completed.
Acute toxicity - Aquatic invertebrates	No information available as testing has not been completed.
Acute toxicity - Aquatic plants	No information available as testing has not been completed.
Acute toxicity - Microorganisms	No information available as testing has not been completed.
Chronic toxicity - Fish	No information available as testing has not been completed.
Chronic toxicity - Aquatic invertebrates	No information available as testing has not been completed.
Chronic toxicity - Aquatic plants	No information available as testing has not been completed.
Chronic toxicity - Microorganisms	No information available as testing has not been completed.
Ecotoxicity	The product contains a substance which is harmful to aquatic life with long lasting effects.
Eco toxicological information	No ecological toxicity available on the overall finished product.

12.2 Persistence and degradability

Degradability	The degradability of the product has not been stated.
Biological oxygen demand	No information available as testing has not been completed.
Chemical oxygen demand	No information available as testing has not been completed.

12.3 Bioaccumulative potential

Bioaccumulative potential	No data available on bioaccumulation.
Bioaccumulation factor	No information available as testing has not been completed.
Partition coefficient; n-Octanol/Water	Does not apply, the product is a mixture.

12.4 Mobility in soil

Mobility	Soluble in water.
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12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment The product does not contain any PBT or vPvB Substances.

12.6 Endocrine disrupting properties

Endocrine disrupting properties	The product does not contain any substances with endocrine disrupting properties at a concentration above or equal to 0.1%.
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12.7 Other adverse effects

Other adverse effects	None known.
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Name	Acute toxicity (Fish)	Acute toxicity (Aquatic invertebrates)	Acute toxicity (Aquatic plants)
Didecyldimethylammonium chloride	LC50 96 Hours 0.19mg/l Pimephales promelas (Fat-head Minnow)	EC50 48 Hours 0.06mg/l Daphnia magna	

Section 13: Disposal considerations

Waste management	When handling waste, consideration should be made to the safety precautions applying to handling of the product.
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13.1 Waste treatment methods

Disposal methods	Dispose of waste and residues in accordance with local authority requirements.
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Section 14: Transport information**14.1 UN number or ID number**

UN no. (ADR)	Not applicable.
UN no. (IMDG)	Not applicable.
UN no. (IATA)	Not applicable.

14.2 UN proper shipping name

ADR proper shipping name	Not applicable.
IMDG proper shipping name	Not applicable.
IATA proper shipping name	Not applicable.

14.3 Transport hazard class(es)

ADR class	Not applicable.
IMDG class	Not applicable.
IATA class	Not applicable.

Transport labels	Not applicable
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14.4 Packing group

ADR/RID/ADN packing group	Not applicable.
IMDG packing group	Not applicable.
IATA packing group	Not applicable.

14.5 Environmental hazards

ADR	No
IMDG	No
IATA	No

14.6 Special precautions for user

EMS	Not applicable.
Emergency action code	Not applicable.
Hazard no. (ADR)	Not applicable.
Tunnel restriction code	Not applicable.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

Section 15: Regulatory information**15.1 Safety, health and environmental regulations/Legislation specific for the substance or mixture**

EU legislation	Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. The UN Globally Harmonized System (GHS) Safety Data Sheet format (Annex IV) is implemented as Annex II of REACH EU No 830/2015 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
Approved code of practice	2020 Code of Practice for the Safety, Health and Welfare at Work (Chemical Agents) Regulations (2001-2015) and the Safety, Health and Welfare at Work (Carcinogens) Regulations (2001-2019) EH40/2005 Workplace exposure limits.

15.2 Chemical safety assessment

Chemical safety assessment	No chemical safety assessment has been carried out.
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Section 16: Other information

General information	This Safety Data Sheet is in accordance with Reach Regulation (EC) No 453/2010.
Revision comments	This is a second issue. [1]Information updated. [2]Information updated. [3]Information updated. [4]Information updated. [5]Information updated. [6]Information updated. [7]Information updated. [8]Information updated. [9]Information updated. [11]Information updated. [12]Information updated. [15]Information updated.
Revision date	19 January 2021
Supersedes date	06 July 2017
Revision	2
Safety data sheet status	Approved.

Hazard statements in full

EUH071	Corrosive to the respiratory tract.
H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H314	Causes severe skin burns and eye damage.
H336	May cause drowsiness or dizziness.
H410	Very toxic to aquatic life with long lasting effects.
H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H302	Harmful if swallowed.
H318	Causes serious eye damage.
H412	Harmful to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of

the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.