

AntiGone Spray

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Version: 1.0 21/06/2021

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

1.1. Product identifier

Product form : Mixture
Product name : AntiGone Spray
Type of product : Medical Devices
Product group : Trade product

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

1.2.1. Relevant identified uses

Industrial/Professional use spec : For professional use only
Use of the substance/mixture : Disinfectant spray for non-invasive medical devices
Function or use category : Cleaning and disinfecting agent

1.2.2. Uses advised against

Not for use on invasive medical devices

1.3. Details of the supplier of the safety data sheet

Dan Mor Natural Products and Chemicals Ltd.
29 Ha'ilan St. P.O. Box 267
Or Akiva Industrial Zone 30-60000
Israel
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified as dangerous for supply/use.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) : None
Signal word (CLP) : None
Hazard statements (CLP) : None
Precautionary statements (CLP) : None

2.3. Other hazards

Not known.

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
propan-2-ol, isopropyl alcohol, isopropanol	(CAS No) 67-63-0 (EC no) 200-661-7	0.1 -1	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
alcohol ethoxylate w'th 6.5meo	(CAS No) 68439-45-2	0.1 -1	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
didecyltrimethylammonium chloride	(CAS No) 7173-51-5 (EC no) 230-525-2	0.1 -1	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314
polyhexamethylene biguanide hydrochloride	(CAS No) 27083-27-8	0.1 – 0.9	Carc. 2, H351 Acute Tox. 4 (Oral), H302 STOT RE 1, H372 Eye Dam. 1, H318 Skin Sens. 1B, H317 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10)

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides	(CAS No) 63449-41-2 (EC no) 264-151-6	0.1 - 1	Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Aquatic Acute 1, H400

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing.
- First-aid measures after skin contact : Rinse skin with water.
- First-aid measures after eye contact : If in eyes, rinse cautiously with water for at least 15 minutes.
- First-aid measures after ingestion : Wash out mouth with water.

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

- Symptoms/injuries : None anticipated. Treat symptomatically.

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

Unlikely to be required but if necessary treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : As appropriate for surrounding fire.
- Unsuitable extinguishing media : None.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Heating may cause a fire.
- Explosion hazard : Product is not explosive.
- Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

- Precautionary measures fire : No special measures required.
- Firefighting instructions : Evacuate area.
- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Wear suitable gloves if prolonged skin contact is likely.

6.2. Environmental precautions

Do not release large quantities into the surface water or into drains.

6.3. Methods and material for containment and cleaning up

Sweep up spilled substance and remove to safe place.

6.4. Reference to other sections

For further information refer to section 13. For further information refer to section 8: "Exposure controls/personal protection".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Ensure adequate ventilation, especially in confined areas.
- Storage conditions : Store in a well-ventilated place. Keep cool.
- Incompatible products : Oxidizing agent. Strong acids. Strong bases.
- Incompatible materials : Heat sources. Direct sunlight.

7.3. Specific end use(s)

Cleaning and disinfecting agent.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)

United Kingdom	Local name	Propan-2-ol
United Kingdom	WEL TWA (mg/m ³)	999 mg/m ³
United Kingdom	WEL TWA (ppm)	400 ppm
United Kingdom	WEL STEL (mg/m ³)	1250 mg/m ³
United Kingdom	WEL STEL (ppm)	500 ppm

8.2. Exposure controls

Appropriate engineering controls	: Ensure good ventilation of the work station.
Materials for protective clothing	: Wear suitable working clothes
Hand protection	: Not normally required
Eye protection	: Where splashing of spray solution is possible, wear eye protection
Skin and body protection	: Wear suitable working clothes, normally no skin protection is necessary.
Respiratory protection	: Normally no personal respiratory protection is necessary
Environmental exposure controls	: Do not release large quantities into the surface water or into drains.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Colorless
Odour	: Characteristic- perfumed
Odour threshold	: No data available
pH	: 4.5 – 7.5
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 0.950 - 1.020
Solubility	: Soluble in water.
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: Not applicable.
Oxidising properties	: Not classified.
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

None anticipated.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

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10.4. Conditions to avoid

None anticipated.

10.5. Incompatible materials

Strong acids. Oxidizing agent. anionic surfactants.

10.6. Hazardous decomposition products

None known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified (Based on available data, the classification criteria are not met)

alcohol ethoxylate w'th 6.5meo (68439-45-2)

LD50 oral rat	300 - 2000
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LD50 dermal rat	≥ 2000
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propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)

LD50 oral rat	>2000 mg/kg
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LD50 dermal rabbit	>2000 mg/kg
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LC50 inhalation rat (mg/l)	> 20 mg/l/8h
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Skin corrosion/irritation : Non-irritant

Serious eye damage/irritation : Non-irritant

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : There is no evidence of mutagenic potential

Carcinogenicity : No evidence of carcinogenicity

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Toxicity – Aquatic invertebrates : Not classified

Toxicity – Fish : Low toxicity to fish

Toxicity – Algae : Low toxicity to algae

Toxicity – Sediment Compartment : This substance has low mobility in sediment

Toxicity – Terrestrial Compartment : Low toxicity under normal conditions of handling and use

12.2. Persistence and degradability

AntiGone Spray

Persistence and degradability	Not known
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12.3. Bioaccumulative potential

AntiGone Spray

Bioaccumulative potential	Not known
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12.4. Mobility in soil

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Ecology - soil	The product has high mobility in soil
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12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Additional information : None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

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SECTION 14: Transport information

NOT CLASSED AS DANGEROUS FOR TRANSPORT

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Full text of H- and EUH-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Carc. 2	Carcinogenicity, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Skin Sens. 1B	Sensitisation — Skin, category 1B
STOT RE 1	Specific target organ toxicity — Repeated exposure, Category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H225	Highly flammable liquid and vapour
H302	Harmful if swallowed
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness
H351	Suspected of causing cancer
H372	Causes damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

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