

AntiGone Concentrate

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Version: 1.0 28/08/18

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

1.1. Product identifier

Product form : Mixture
Product name : AntiGone Concentrate
Type of product : Biocide
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 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

SEC Dan Mor Natural Products and Chemicals Ltd.
29 Ha'ilan St. P.O. Box 267
Or Akiva Industrial Zone 30-60000
Israel
T +972-4-6101455

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

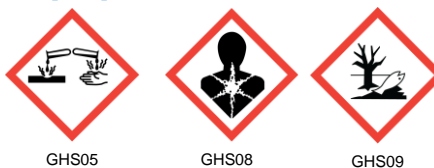
Skin Irrit. 2 H315
Skin Sens. 1B H317
Eye Dam. 1 H318
Carc. 2 H351
STOT RE 2 H373
Aquatic Chronic 1 H410

Full text of H-statements: see section 16

2.2. Label elements

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

Hazard pictograms (CLP) :



Signal word (CLP) : Danger
Hazardous ingredients : Polyhexamethylene biguanide hydrochloride, didecyldimethylammonium chloride
Hazard statements (CLP) : H315 – Causes skin irritation
H317 – May cause an allergic skin reaction
H318 – Causes serious eye damage
H351 – Suspected of causing cancer
H373 – May cause damage to organs through prolonged or repeated exposure
H410 – Very toxic to aquatic life with long lasting effects

Precautionary statements (CLP) : P273 – Avoid release to the environment
P280 – Wear protective gloves/protective clothing/eye protection/face protection
P302+P352 – IF ON SKIN: Wash with plenty of water/soap
P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 – IF exposed or concerned: Get medical advice/attention
P501 – Dispose of contents in accordance with local, state or national legislation.

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2.3. Other hazards

Adverse physicochemical, human health and environmental effects : Causes skin irritation, may cause an allergic skin reaction, causes serious eye damage, suspected of causing cancer, may cause damage to organs through prolonged or repeated exposure, very toxic to aquatic life with long lasting effects.

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	1 - 10	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
alcohol ethoxylate w'th 6.5meo	(CAS No) 68439-45-2	1 - 10	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
didecyltrimethylammonium chloride	(CAS No) 7173-51-5 (EC no) 230-525-2	1 - 10	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314
polyhexamethylene biguanide hydrochloride	(CAS No) 27083-27-8	1 - 10	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)
quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides	(CAS No) 63449-41-2 (EC no) 264-151-6	1 - 10	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 : Move the exposed person to fresh air
First-aid measures after skin contact : Wash off immediately with plenty of soap and water. Remove contaminated clothing.
First-aid measures after eye contact : Rinse immediately with plenty of water for 15 minutes holding the eyelids open
First-aid measures after ingestion : DO NOT INDUCE VOMITING.

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

Symptoms/injuries : If you feel unwell, seek medical advice.
Symptoms/injuries after inhalation : Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.
Symptoms/injuries after skin contact : May cause an allergic skin reaction. Causes skin irritation.
Symptoms/injuries after eye contact : Causes serious eye damage.
Symptoms/injuries after ingestion : Ingestion causes burns to the respiratory tract. Ingestion may cause nausea and vomiting.

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

Immediately call a Poison Centre/Doctor. If exposed or concerned, get medical advice/attention. Get medical advice/attention if you feel unwell. 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.
Reactivity in case of fire : May decompose in a fire, giving off toxic and irritant vapours.
Hazardous decomposition products in case of fire : Toxic and irritant vapours.

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5.3. Advice for firefighters

- Precautionary measures fire : Evacuate area. Stop leak if safe to do so. Wear a self-contained breathing apparatus and appropriate personal protective equipment (PPE).
- Firefighting instructions : Eliminate all ignition sources if safe to do so. Exercise caution when fighting any chemical fire. Dike fire control water for later disposal.
- 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. Avoid contact with skin and eyes.

6.2. Environmental precautions

Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

Adsorb spillages onto sand, earth or any suitable adsorbent material. Contain spillages with sand, earth or any suitable adsorbent material. Earth may be shovelled to contain spillage and to avoid contamination of sewers and watercourses.

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 : Wash hands and exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapours/spray. Use personal protective equipment as required.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Store in a well-ventilated place. Keep container tightly closed. Store locked up.
- Incompatible products : Oxidizing agent. Strong acids. Strong bases. anionic surfactants.
- Incompatible materials : Heat sources. Sources of ignition.
- Storage area : Store away from heat. Store in a well-ventilated place.

7.3. Specific end use(s)

Cleaning and disinfecting agent.

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. A washing facility/water for eye and skin cleaning purposes should be present.
- Materials for protective clothing : Wear suitable working clothes
- Hand protection : Protective gloves
- Eye protection : Approved safety goggles
- Skin and body protection : Wear suitable protective clothing
- Respiratory protection : In case of inadequate ventilation wear respiratory protection



- Environmental exposure controls : Avoid release to the environment. Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory authority.

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Other information : Do not eat, drink or smoke when using this product.

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	: 3.3 - 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

Stable at ambient temperature and under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

10.4. Conditions to avoid

Heat. Open flame. Sparks. Avoid contact with hot surfaces. Eliminate all sources of ignition.

10.5. Incompatible materials

Strong acids. Oxidizing agent. anionic surfactants.

10.6. Hazardous decomposition products

Toxic and combustible vapours.

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
LD50 dermal rat	≥ 2000

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

LD50 oral rat	>2000 mg/kg
LD50 dermal rabbit	>2000 mg/kg
LC50 inhalation rat (mg/l)	> 20 mg/l/8h

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

Skin corrosion/irritation	: Causes skin irritation. pH: 3.3 - 5
Serious eye damage/irritation	: Causes serious eye irritation pH: 3.3 - 5
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Suspected of causing cancer.
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
Specific target organ toxicity (single exposure)	: Not classified (Based on available data, the classification criteria are not met)
Specific target organ toxicity (repeated exposure)	: May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Toxic to aquatic life with long lasting effects.

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

LC50 fish	>100 mg/l/48h
EC50 (algae)	>100 mg/l/72h

12.2. Persistence and degradability

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Persistence and degradability : Not established.

12.3. Bioaccumulative potential

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Bioaccumulative potential : Not established.

12.4. Mobility in soil

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Ecology - soil : Adsorbs into the soil.

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Additional information : Avoid release to the environment

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: Disposal must be done according to official regulations.
Waste treatment methods	: This material and its container must be disposed of as hazardous waste.
Waste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA

14.1. UN number

UN Number : UN 3082

14.2. UN proper shipping name

Proper Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Transport document description : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Didecyldimethylammonium chloride, Polyhexamethylen-biguanide hydrochloride)

14.3. Transport hazard class(es)

ADR/RID

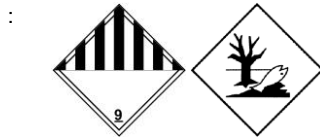
Transport hazard class(es) (ADR) : 9

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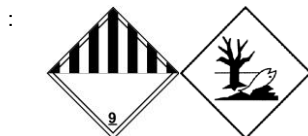
Danger labels (ADR) : 9



IMDG

Transport hazard class(es) (IMDG) : 9

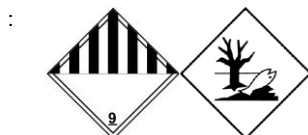
Danger labels (IMDG) : 9



IATA

Transport hazard class(es) (IATA) : 9

Hazard labels (IATA) : 9



14.4. Packing group

Packing group : III

14.5. Environmental hazards

Dangerous for the environment : Yes

Marine pollutant : Yes

Other information : No supplementary information available

14.6. Special precautions for user

- Overland transport

Hazard identification number (Kemler No.) : 90

Tunnel restriction code (ADR) : E

- Transport by sea

EmS-No. (Fire) : F-A

EmS-No. (Spillage) : S-F

- Air transport

PCA packing instructions (IATA) : 964

PCA max net quantity (IATA) : 450L

CAO packing instructions (IATA) : 964

CAO max net quantity (IATA) : 450L

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

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

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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 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 1
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 Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Sens. 1	Sensitisation — Skin, category 1
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
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
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

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