



# ORPHEA Dopopuntura Gel Safari

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 10/01/2014

Revision date:

Version: 1.0

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

#### 1.1. Product identifier

Product form : Mixture  
Name : ORPHEA Dopopuntura Gel Safari

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

##### 1.2.1. Relevant identified uses

Use of the substance/mixture : Gel to relieve insect bites and jellyfish stings

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

TAVOLA S.p.A.  
Via Bernardino Verro, 35  
20141 Milano - ITALIA  
T +39 02 844731 - F +39 02 8465461  
info@tavola.it

#### 1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number
ITALY	TAVOLA S.p.A. (Only available during office hours)	Via Bernardino Verro , 35 20141 Milano	+39 02 84473249
UNITED KINGDOM	National Poisons Information Service (Belfast Centre) Royal Victoria Hospital	Grosvenor Road BT12 6BA Belfast	0870 600 6266 (UK only)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

Aquatic Chronic 3 H412

Full text of H-phrases: see section 16

Classification according to Directive 67/548/EEC or 1999/45/EC

R52/53

Full text of R-phrases: see section 16

Adverse physicochemical, human health and environmental effects

Harmful to aquatic life with long lasting effects.

#### 2.2. Label elements

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

Signal word (CLP) : -  
Hazard statements (CLP) : H412 - Harmful to aquatic life with long lasting effects  
Precautionary statements (CLP) : P273 - Avoid release to the environment  
P501 - Dispose of contents/container to a suitable waste collection point.  
EUH phrases : EUH208 - Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)(55965-84-9), Levomenol(23089-26-1 / 515-69-5). May produce an allergic reaction

#### 2.3. Other hazards

Other hazards not contributing to the classification : None, to our knowledge.

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

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Name	Product identifier	%	Classification according to Directive 67/548/EEC
Dialuminium chloride pentahydroxide	(CAS No) 12042-91-0 (EC no) 234-933-1 (REACH-no) 01-2119533142-53	10 - 20	Not classified
2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymers with Et acrylate, polyethylene glycol methacrylate C16-18-alkyl ethers and polyethylene-polypropylene glycol monoallyl ether		1 - 5	N; R51/53
Levomenol	(CAS No) 23089-26-1 / 515-69-5 (EC no) 245-423-3 / 208-205-9	0,1 - 0,9	R43 N; R51/53
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	(CAS No) 55965-84-9 (EC index no) 613-167-00-5	0,001 - 0,0014	T; R23/24/25 C; R34 R43 N; R50/53
Name	Product identifier	Specific concentration limits	
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	(CAS No) 55965-84-9 (EC index no) 613-167-00-5	(0,0015 =< C) R43 (0,06 =< C < 0,6) Xi;R36/38 (0,6 =< C) C;R34	
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Dialuminium chloride pentahydroxide	(CAS No) 12042-91-0 (EC no) 234-933-1 (REACH-no) 01-2119533142-53	10 - 20	Not classified
2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymers with Et acrylate, polyethylene glycol methacrylate C16-18-alkyl ethers and polyethylene-polypropylene glycol monoallyl ether		1 - 5	Aquatic Chronic 2, H411
Levomenol	(CAS No) 23089-26-1 / 515-69-5 (EC no) 245-423-3 / 208-205-9	0,1 - 0,9	Skin Sens. 1, H317 Aquatic Chronic 2, H411
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	(CAS No) 55965-84-9 (EC index no) 613-167-00-5	0,001 - 0,0014	Acute Tox. 3 (Inhalation), H331 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Oral), H301 Skin Corr. 1B, H314 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Name	Product identifier	Specific concentration limits	
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	(CAS No) 55965-84-9 (EC index no) 613-167-00-5	(0,0015 =< C) Skin Sens. 1, H317 (0,06 =< C < 0,6) Eye Irrit. 2, H319 (0,06 =< C < 0,6) Skin Irrit. 2, H315 (0,6 =< C) Skin Corr. 1B, H314	

Full text of R- and H-phrases: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- First-aid measures after inhalation : Move the affected person away from the contaminated area and into the fresh air. Get medical advice and attention if you feel unwell.
- First-aid measures after skin contact : On significant contact : Rinse with water. If case of redness or irritation, call a doctor.
- First-aid measures after eye contact : Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 minutes minimum). If irritation persists, consult an eye specialist.
- First-aid measures after ingestion : Never attempt to induce vomiting. Get medical advice and attention if you feel unwell.

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

No additional information available

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Carbon dioxide (CO<sub>2</sub>). Dry powder.

#### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon oxides (CO, CO<sub>2</sub>).

#### 5.3. Advice for firefighters

Firefighting instructions : Contain the extinguishing fluids by bunding.

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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

General measures : Ensure adequate ventilation.

##### 6.1.1. For non-emergency personnel

Emergency procedures : Do not attempt to take action without suitable protective equipment.

##### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Do not discharge into drains or rivers.

#### 6.3. Methods and material for containment and cleaning up

For containment : Contain the spilled material by bunding. Take up liquid spill into absorbent material, e.g.: sand, earth, vermiculite kieselguhr, powdered limestone. Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal.

#### 6.4. Reference to other sections

For further information refer to section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station.

Hygiene measures : Do not drink, eat or smoke in the workplace. Always wash hands after handling the product.

#### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Does not require any specific or particular technical measures.

Storage conditions : Store in a cool area. Keep container tightly closed.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Dialuminium chloride pentahydroxide (12042-91-0)

United Kingdom	WEL TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup> Aluminium salts, soluble
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#### 8.2. Exposure controls

appropriate engineering controls : Ensure good ventilation of the work station.

Hand protection : On significant contact : Protective gloves. Breakthrough time : refer to the recommendations of the supplier. The protective gloves to be used must comply with the specifications of EC directive 89/686/EEC and the resultant standard EN 374.

Eye protection : Safety glasses.

Skin and body protection : Protective clothing.

Respiratory protection : If the ventilation is suitable, it is not essential to wear respiratory equipment. In case of insufficient ventilation, wear suitable respiratory equipment.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state : Liquid

Appearance : Viscous liquid. Clear. Transparent. opalescent.

Colour : Colourless. Pale yellow.

Odour : Characteristic.

Odour threshold : No data available

pH : 4 (+/- 0,2)

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 : > 60 °C

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Self ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1,0025 g/ml
Solubility	: Water: Soluble
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: 7000 mPa.s (± 2500 mPas)
Explosive properties	: Not explosive.
Oxidising properties	: Non oxidizing material.
Explosive limits	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

The product is stable at normal handling and storage conditions.

### 10.3. Possibility of hazardous reactions

None to our knowledge.

### 10.4. Conditions to avoid

None to our knowledge.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

On combustion or on thermal decomposition (pyrolysis) releases : Carbon oxydes (CO, CO<sub>2</sub>).

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

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

**reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (55965-84-9)**

LD50 oral rat	481 mg/kg
LD50 dermal rat	> 1000 mg/kg

**Dialuminium chloride pentahydroxide (12042-91-0)**

LD50 oral rat	> 2000 mg/kg (OECD 401 method)
LD50 dermal rat	> 2000 mg/kg (OECD 402 method)

**2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymers with Et acrylate, polyethylene glycol methacrylate C16-18-alkyl ethers and polyethylene-polypropylene glycol monoallyl ether**

LD50 oral rat	> 2000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met) pH: 4 (+/- 0,2)
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met) pH: 4 (+/- 0,2)
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
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)

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Specific target organ toxicity (repeated exposure) : Not classified (Based on available data, the classification criteria are not met)

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

### SECTION 12: Ecological information

#### 12.1. Toxicity

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

#### Dialuminium chloride pentahydroxide (12042-91-0)

LC50 fish	100 - 500 mg/l/96h Danio rerio (OECD 203 method)
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EC50 Daphnia	397 mg/l/48h Daphnia Magna
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#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Results of PBT and vPvB assessment

No additional information available

#### 12.6. Other adverse effects

No additional information available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste treatment methods : Dispose of in accordance with relevant local regulations.

Additional information : The user's attention is drawn to the possible existence of specific european, national or local regulations regarding disposal.

### SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

#### 14.1. UN number

No dangerous good in sense of transport regulations

#### 14.2. UN proper shipping name

Not applicable

#### 14.3. Transport hazard class(es)

Not applicable

#### 14.4. Packing group

Not applicable

#### 14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available.

#### 14.6. Special precautions for user

##### 14.6.1. Overland transport

No additional information available

##### 14.6.2. Transport by sea

No additional information available

##### 14.6.3. Air transport

No additional information available

##### 14.6.4. Inland waterway transport

No additional information available

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

Not applicable

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### SECTION 15: Regulatory information

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

##### 15.1.1. EU-Regulations

No REACH Annex XVII restrictions

Contains no REACH candidate substance

##### 15.1.2. National regulations

No additional information available

#### 15.2. Chemical safety assessment

No additional information available

### SECTION 16: Other information

Data sources : SDS of suppliers.

Other information : This safety data sheet has been written in conformity with the Annex II of the Regulation (EC) 1907/2006 (REACH).

#### Full text of R-, H- and EUH-phrases:

Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
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 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Sens. 1	Sensitisation — Skin, category 1
H301	Toxic if swallowed
H311	Toxic in contact with skin
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H331	Toxic if inhaled
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed
R34	Causes burns
R43	May cause sensitisation by skin contact
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
C	Corrosive
N	Dangerous for the environment
T	Toxic

SDS EU (REACH Annex II)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*