



# SAFETY DATA SHEET

## ARENA - ANTIFOG SPRAY&SWIM

Issued on 03/08/2017 - Rel. # 1 on 03/08/2017

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In conformity to Regulation (EU) 2015/830

### SECTION1. Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product code : arena ANTIFOG SPRAY&SWIM  
Trades code : 000398

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

ANTIFOG

Sectors of use:

Private households (= general public = consumers)[SU21], Public domain (administration, education, entertainment, services, craftsmen)[SU22]

Uses advised against

The product is used by spraying

Do not use for purposes other than those listed

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

Aget Service S.R.L.

Sede legale:

Via Sicilia 27/A

40060 Osteria Grande (BO)

Sede amministrativa:

Via Bottrigara, 2060 40059 Medicina (BO)

Tel: 051/857600

Fax 051/6970981

Email: info@agetservice.it

Email persona responsabile per la SDS:

giorgio.salvi@agetservice.it

#### 1.4. Emergency telephone number

CAVp Osp. Pediatrico Bambino Gesù, Piazza Sant'Onofrio, 4 00165 Roma - Tel.: 06 68593726

Az. Osp. Univ. Foggia, V.le Luigi Pinto, 1 71122 Foggia - Tel.: 0881-732326

Az. Osp. "A. Cardarelli", Via A. Cardarelli, 9 80131 Napoli - Tel.: 081-7472870

CAV Policlinico "Umberto I", V.le del Policlinico, 155 00161 Roma - Tel.: 06-49978000

CAV Policlinico "A. Gemelli", Largo Agostino Gemelli, 8 00168 Roma - Tel.: 06-3054343

Az. Osp. "Careggi" U.O. Tossicologia Medica, Largo Brambilla, 3 50134 Firenze - Tel.: 055-7947819

CAV Centro Nazionale di Inf. Tossicologica, Via Salvatore Maugeri, 10 27100 Pavia - Tel.: 0382-24444

Osp. Niguarda Ca' Granda Piazza Ospedale Maggiore, 3 20162 Milano - Tel.: 02-66101029

Azienda Ospedaliera Papa Giovanni XXII, Piazza OMS, 1 24127 Bergamo - Tel.: 800883300

### SECTION2. Hazards identification

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

2.1.1 Classification according to Regulation (EC) No 1272/2008:

This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

Pictograms:

None



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Hazard Class and Category Code(s):  
Nonhazardous

Hazard statement Code(s):  
Nonhazardous

### 2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008:

Pictogram, Signal Word Code(s):  
None

Hazard statement Code(s):  
Nonhazardous

Supplemental Hazard statement Code(s):  
not applicable

Precautionary statements:  
General

P101 - If medical advice is needed, have product container or label at hand.  
P102 - Keep out of reach of children.

Contains (Reg.EC 648/2004):  
< 5% Methylchloroisothiazolinone, Methylisothiazolinone, amphoteric surfactants, non-ionic surfactants

### 2.3. Other hazards

The substance / mixture does NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

No information on other hazards

## SECTION3. Composition/information on ingredients

### 3.1 Substances

Irrilevant

### 3.2 Mixtures

Refer to paragraph 16 for full text of hazard statements

Substance	Concentration	Classification	Index	CAS	EINECS	REACH
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	> 0,1 <= 1%	Skin Irrit. 2, H315; Eye Dam. 1, H318	n.a.	110615-47-9	600-975-8	01-2119489 418-23

## SECTION4. First aid measures

### 4.1. Description of first aid measures

Inhalation:  
If you feel unwell seek medical advice.

Direct contact with skin (of the pure product).:



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Wash thoroughly with soap and running water.

Direct contact with eyes (of the pure product):  
Wash immediately and thoroughly with running water for at least 10 minutes.

Ingestion:  
Not hazardous. It's possible to give activated charcoal in water or liquid paraffin medicine

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

No data available.

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

If you experience harmful symptoms, contact a physician immediately.

## SECTION 5. Firefighting measures

### 5.1. Extinguishing media

Advised extinguishing agents:  
Water spray, CO<sub>2</sub>, foam, dry chemical, depending on the materials involved in the fire.

Extinguishing means to avoid:  
Water jets. Use water jets only to cool the surfaces of the containers exposed to fire.

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

No data available.

### 5.3. Advice for firefighters

Use protection for the breathing apparatus  
Safety helmet and full protective suit.  
The spray water can be used to protect the people involved in the extinction  
You may also use selfrespirator, especially when working in confined and poorly ventilated area and if you use halogenated extinguishers (Halon 1211 fluobrene, Solkan 123, NAF, etc...)  
Keep containers cool with water spray

## SECTION 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel:  
Leave the area surrounding the spill or release. Do not smoke  
Wear gloves and protective clothing

6.1.2 For emergency responders:  
Wear gloves and protective clothing  
Eliminate all unguarded flames and possible sources of ignition. No smoking.  
Provision of sufficient ventilation.  
Evacuate the danger area and, in case, consult an expert.

### 6.2. Environmental precautions

Contain spill with earth or sand.  
If the product has entered a watercourse in sewers or has contaminated soil or vegetation, notify it to the authorities.  
Discharge the remains in compliance with the regulations



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

#### 6.3.1 For containment:

Recover the product for reuse, if possible, or for removal. Possibly absorb it with inert material. Prevent it from entering the sewer system.

#### 6.3.2 For cleaning up:

After wiping up, wash with water the area and materials involved

#### 6.3.3 Other information:

None in particular.

### 6.4. Reference to other sections

Refer to paragraphs 8 and 13 for more information

## SECTION 7. Handling and storage

### 7.1. Precautions for safe handling

Avoid contact and inhalation of vapors  
At work do not eat or drink.  
See also paragraph 8 below.

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

Keep in original container closed tightly. Do not store in open or unlabeled containers.  
Keep containers upright and safe by avoiding the possibility of falls or collisions.  
Store in a cool place, away from sources of heat and direct exposure of sunlight.

### 7.3. Specific end use(s)

Private households (= general public = consumers):  
Store in cool and dry places.

Public domain (administration, education, entertainment, services, craftsmen):  
Handle with care.  
Store in ventilated place away from heat sources,  
Keep the container tightly closed.

## SECTION 8. Exposure controls/personal protection

### 8.1. Control parameters

No data available for the mixture.

Related to contained substances:

D-Glucopyranose, oligomeric, C10-16-alkyl glycosides:

DNEL, inhalation, long term, systemic effects, workers: 420 mg/m

DNEL, skin, long term, systemic effects, workers: 595000 mg/kg bw/day

DNEL, inhalation, long term, systemic effects, population: 124 mg/m

DNEL, skin, long term, systemic effects, population: 357000 mg/kg bw/day

DNEL, oral, long term, systemic effects, population: 35.7 mg/kg bw/day

PNEC, fresh water: 0.176 mg/L

PNEC seawater: 0.018 mg/L

PNEC, water (intermittent): 0.0295 mg/L

PNEC (freshwater) sediment: 1,516 mg/kg dw sediment

PNEC sediments (seawater): 0.065 mg/kg dw sediment

PNEC soil: soil 0.654 mg/kg dw



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### 8.2. Exposure controls

Appropriate engineering controls:

Private households (= general public = consumers):

Open with caution. Close the container immediately after its use.

Adopt the appropriate protective measures.

Public domain (administration, education, entertainment, services, craftsmen):

Open with caution. Close the container immediately after its use.

Adopt the appropriate protective measures.

Individual protection measures:

(a) Eye / face protection

Not needed for normal use.

(b) Skin protection

(i) Hand protection

Not needed for normal use.

(ii) Other

Wear normal work clothing.

(c) Respiratory protection

Not needed for normal use.

(d) Thermal hazards

No hazard to report

Environmental exposure controls:

Use according to good working practices to avoid pollution into the environment.

## SECTION 9. Physical and chemical properties

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

Physical and chemical properties	Value	Determination method
Appearance	liquid	
Odour	characteristic	
Odour threshold	not applicable	
pH	6	
Melting point/freezing point	This property is not suitable for safety and product classification	
Initial boiling point and boiling range	This property is not suitable for safety and product classification	
Flash point	not applicable	ASTM D92
Evaporation rate	irrelevant	
Flammability (solid, gas)	This property is not suitable for safety and product classification	
Upper/lower flammability or explosive limits	not applicable	
Vapour pressure	not determined	
Vapour density	not determined	



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Physical and chemical properties	Value	Determination method
Relative density	not determined	
Solubility	in water	
Water solubility	Yes	
Partition coefficient: n-octanol/water	This property is not suitable for safety and product classification	
Auto-ignition temperature	not applicable	
Decomposition temperature	not applicable	
Viscosity	not determined	
Explosive properties	Not classified as explosive, does not contain explosives according to reg. CLP Art. (14 (2))	
Oxidising properties	non-oxidising	

### 9.2. Other information

No data available.

## SECTION 10. Stability and reactivity

### 10.1. Reactivity

No reactivity hazards

### 10.2. Chemical stability

No hazardous reaction when handled and stored according to provisions.

### 10.3. Possibility of hazardous reactions

There are no hazardous reactions

### 10.4. Conditions to avoid

Nothing to report

### 10.5. Incompatible materials

Nobody in particular

### 10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

## SECTION 11. Toxicological information

### 11.1. Information on toxicological effects

No toxicological tests have been performed on the mixture.

- (a) acute toxicity: based on available data, the classification criteria are not met.
- (b) skin corrosion/irritation based on available data, the classification criteria are not met.
- (c) serious eye damage/irritation: based on available data, the classification criteria are not met.



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- (d) respiratory or skin sensitization: based on available data, the classification criteria are not met.
- (e) germ cell mutagenicity: based on available data, the classification criteria are not met.
- (f) carcinogenicity: based on available data, the classification criteria are not met.
- (g) reproductive toxicity: based on available data, the classification criteria are not met.
- (h) specific target organ toxicity (STOT) single exposure: based on available data, the classification criteria are not met.
- (i) specific target organ toxicity (STOT) repeated exposure based on available data, the classification criteria are not met.
- (j) aspiration hazard: based on available data, the classification criteria are not met.

Related to contained substances:

D-Glucopyranose, oligomeric, C10-16-alkyl glycosides:

Reproductive toxicity method: male/female Rat (screening of a whole generation, oral gavage: 0, 100, 300, 1000 mg/kg bw, aspect: 2 weeks before and after, until the day of the sacrifice (study 53 days, 4 days post partum). (daily), OECD guidelines 421.

Search results: NOAEL (P): 1000 mg/kg bw/day (nominal) (male/female) (No treatment-related effect.)

Method: oral, rat: gavage, 0, 100, 300, 1000 mg/kg bw, aspect: days 6-15 of gestation (daily), OECD Guideline 414

Search results: NOAEL (maternal toxicity): 1000 mg/kg bw/day (nominal) (no effects related to treatment)

NOAEL (toxicity development): 1000 mg/kg bw/day (nominal) (no effects related to treatment)

STOT repeated exposure-method: rats (male/female), subchronic (oral, gavage), 0, 250, 500, 1000 mg/kg bw (nominal in water), exposure: 90 days (daily), EU b. 26 method

Search results: NOAEL: 100 mg/kg bw/day (nominal) (male/female) (inflammation and ulceration of the mucous membranes of the first layer of the intestine due to bolus administration and irritating potential of test substance.)

LD50 (rat) Oral (mg/kg body weight) = 5000

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 2000

## SECTION 12. Ecological information

### 12.1. Toxicity

The product has not been tested for environmental impact in the event of accidental release in the environment.

Related to contained substances:

D-Glucopyranose, oligomeric, C10-16-alkyl glycosides:

Acute toxicity (short term)

Fish LC50 (96h, Brachydanio rerio) = 1-10 mg/L

Daphnia EC50 (48 h Daphnia magna) = 1-100 mg/L

Algae EC50 (72 h, Scenedesmus subspicatus) = 1-100 mg/L

Chronic toxicity (long-term)

Fish (Brachydanio rerio) NOEC = 1.8 mg/L

Daphnia NOEC (Daphnia magna) = 1 mg/L

C(E)L50 (mg/l) = 1

NOEC (mg/l) = 1

Use according to good working practices to avoid pollution into the environment.

### 12.2. Persistence and degradability

No data available for the mixture.

Related to contained substances:

D-Glucopyranose, oligomeric, C10-16-alkyl glycosides:

Activated sludge, not adapted, OECD 301E line guide, readily biodegradable, 88% after 28 days (removable DOC)

### 12.3. Bioaccumulative potential

No data available for the mixture.

Related to contained substances:



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D-Glucopyranose, oligomeric, C10-16-alkyl glycosides:  
Log Kow <-0.07

### 12.4. Mobility in soil

No data available for the mixture.

Related to contained substances:

D-Glucopyranose, oligomeric, C10-16-alkyl glycosides:  
log Koc = 1.7 at 25 °C

### 12.5. Results of PBT and vPvB assessment

The substance / mixture does NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

### 12.6. Other adverse effects

No adverse effects

Regulation (EC) No 2006/907 - 2004/648

The surfactant (s) contain (s) in this formulation comply (ies) with the criteria set out in Regulation (EC) biodegradability/648/2004 on detergents. All supporting data shall be kept at the disposal of the competent authorities of the Member States and will be provided, at their explicit request or at the request of a manufacturer of the formulation, the above authority.

## SECTION13. Disposal considerations

### 13.1. Waste treatment methods

Do not reuse empty containers. Dispose of them in accordance with the regulations in force. Any remaining product should be disposed of according to applicable regulations by addressing to authorized companies.  
Recover if possible. Operate according to local or national regulations

## SECTION14. Transport information

### 14.1. UN number

Not included in the scope of application regulations concerning the transport of dangerous goods: by road (ADR); by rail (RID); by air (ICAO / IATA); by sea (IMDG).

### 14.2. UN proper shipping name

None

### 14.3. Transport hazard class(es)

None

### 14.4. Packing group

None

### 14.5. Environmental hazards

None





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#### 14.6. Special precautions for user

No data available.

#### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

It is not intended to carry bulk

### SECTION 15. Regulatory information

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

Reg. 648/2004/EC (detergents), Decree 2/2/2002 n. 25 (risks related to chemical agents at work). D.m. 2/26/2004 Work (occupational exposure limits); D.m. 4/3/2007 (implementation of Directive 2006/8/EC). Regulation (EC) No 1907/2006 (REACH) Regulation (EC) no 1272/2008 (CLP), Regulation (EC) no 790/2009, 2012/18/EU Directive (cd. Seveso III).

#### 15.2. Chemical safety assessment

No chemical safety assessment was carried out by the supplier

### SECTION 16. Other information

#### 16.1. Other information

Description of the hazard statements exposed to point 3

H315 = Causes skin irritation.

H318 = Causes serious eye damage.

Classification based on data of all mixture components

Main normative references:

Regulation 2008/1272/EC

Regulation 2015/830/EC

Link ECHA (source of information on chemical substances produced or imported in Europe)

<https://echa.europa.eu/information-on-chemicals>

MSDS provided by the customer and on the same raw material

\*\*\* This Board cancels and replaces any previous edition.