

# AQUA FRESH -HYLA

## SAFETY DATA SHEET

Date of Issue: JUNE 14, 2018, Supersedes: None

Version 1.0

### SECTION 1: Identification

#### 1.1. Product identifier

Product form : Liquid  
Trade name : AQUA FRESH HYLA  
Internal code: : 5060103

#### 1.2. Recommended use of the chemical and restrictions on use

Composed for fragrance.

#### 1.3. Name, address and telephone number of the chemical manufacturer, importer, or other responsible party

HYLA INTERNATIONAL-GmbH&Co.KG  
Hornbergstr. 49, 70794 Filderstadt GERMANY  
<mailto:www.hyla.com>

#### 1.4. Emergency phone number

Emergency number : Telefon +38615800700  
Telefax

### SECTION 2: Hazards identification

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

##### Classification (GHS-US/CAN)

Criteria EC Regulation 1272/2008 (CLP):

Warning, Skin Irrit. 2 Causes skin irritation.

Attention, Eye Irrit. 2 Causes serious eye irritation.

Warning, Skin Sens. 1 May cause an allergic skin reaction.

Danger, Asp. Tox. 1, It can be fatal if swallowed and enters airways.

Aquatic Chronic 2, Toxic to aquatic life with long lasting effects.

#### 2.2. Label elements

##### GHS-US/CAN labeling



Danger

Indications of Danger :

H315 Causes skin irritation.

H319 Causes serious eye irritation .

H317 May cause an allergic skin reaction.

H304 May be fatal if swallowed and enters airways .

H411 Toxic to aquatic life with long lasting effects.

Precautionary advice :

P233 Keep container tightly closed .

P280 Wear protective gloves / protective clothing / eye protection / face protection.

P301 + P310 IF SWALLOWED : Immediately call a POISON CENTER / doctor / ...

P331 Do NOT induce vomiting .

P370 + P378 In case of fire : Use ... to extinguish .

P403 + P235 Store in a cool, well -ventilated place .

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### 2.3. Other hazards

### 2.4. Unknown acute toxicity (GHS-US)

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

Name	Product identifier
d-LIMONENE	Index n°: 601-029-00-7 CAS: 5989-27-5 EC: 227-813-5 REACH No.: 01-2119529223-47-xxxx  2.6/3 Flam. Liq. 3 H226 3.10/1 Asp. Tox. 1 H304 3.2/2 Skin Irrit. 2 H315 3.4.2/1 Skin Sens. 1 H317 4.1/A1 Aquatic Acute 1 H400 4.1/C1 Aquatic Chronic 1 H410
LINALOOL	CAS: 78-70-6 EC: 201-134-4 REACH No.: 01-2119474016-42-xxxx  3.2/2 Skin Irrit. 2 H315 3.3/2 Eye Irrit. 2 H319 3.8/3 STOT SE 3 H335
EUCALYPTOL	CAS: 470-82-6 EC: 207-431-5 REACH No.: 01-2119967772-  2.6/3 Flam. Liq. 3 H226 3.4.2/1-1A-1B Skin Sens. 1,1A,1B H317
ALPHA PINENES	CAS: 80-56-8 EC: 201-291-9  2.6/3 Flam. Liq. 3 H226 3.10/1 Asp. Tox. 1 H304 3.2/2 Skin Irrit. 2 H315 3.4.2/1-1A-1B Skin Sens. 1,1A,1B H317
GAMMA TERPINENE	CAS: 99-85-4 EC: 202-794-6  2.6/3 Flam. Liq. 3 H226 3.2/2 Skin Irrit. 2 H315 3.3/2 Eye Irrit. 2 H319 3.8/3 STOT SE 3 H335
p- CIMENE	CAS: 99-87-6 EC: 202-796-7  2.6/3 Flam. Liq. 3 H226 3.2/2 Skin Irrit. 2 H315 3.3/2 Eye Irrit. 2 H319 3.8/3 STOT SE 3 H335 4.1/C2 Aquatic Chronic 2 H411

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Name	Product identifier
LINALYL ACETATE	CAS: 115-95-7 EC: 204-116-4  3.2/2 Skin Irrit. 2 H315 3.3/2 Eye Irrit. 2 H319 3.8/3 STOT SE 3 H335
CAMPHOR	CAS: 76-22-2 EC: 200-945-0 REACH No.: 01-21199661-56-31  2.7/1 Flam. Sol. 1 H228 3.1/4/Inhal Acute Tox. 4 H332 3.8/2 STOT SE 2 H371
4-TERPINEOL	CAS: 562-74-3 EC:209-235-5  3.1/4/Oral Acute Tox. 4 H302 3.2/2 Skin Irrit. 2 H315 3.3/2 Eye Irrit. 2 H319 3.8/3 STOT SE 3 H335
BORNEOL	CAS: 507-70-0 EC:208-080-0  2.7/1 Flam. Sol. 1 H228 3.4.2/1 Skin Sens. 1 H317
EUGENOL	CAS: 97-53-0, EC: 202-589-1 Xn, Xi; R22-43 3.3 / 2 Eye Irrit. 2 H319 3.4.2 / 1 Skin Sens. 1 H317
BETA CARYOPHYLLENE	CAS: 87-44-5 Xn; R65 3.10/1 Asp. Tox. 1 H304 3.2/2 Skin Irrit. 2 H315
EUGENYL ACETATE	CAS: 93-28-7, EC: 202-235-6 Xn,Xi; R22-38 3.1/4/Oral Acute Tox. 4 H302 3.2/2 Skin Irrit. 2 H315
CINNAMAL	CAS: 104-55-2, EC: 203-213-9 Xn,Xi; R21-38-43 3.1/4/Dermal Acute Tox. 4 H312 3.2/2 Skin Irrit. 2 H315 3.3/2 Eye Irrit. 2 H319 3.4.2/1 Skin Sens. 1 H317
BETA PINENE	CAS: 127-91-3 EC: 204-872-5 2.6/3 Flam. Liq. 3 H226 4.1/C2 Aquatic Chronic 2 H411 3.10/1 Asp. Tox. 1 H304 3.2/2 Skin Irrit. 2 H315
MENTHOL	REACH No.: 01-2119458866-21, CAS: 2216-51-5, EC: 218-690-9  Xi; R38 3.2/2 Skin Irrit. 2 H315 3.3/2 Eye Irrit. 2 H319 3.8/3 STOT SE 3 H335
L-MENTHANONE	CAS: 14073-97-3 EC: 237-926-1  R52/53 4.1/C3 Aquatic Chronic 3 H412

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Name	Product identifier
MENTHYL ACETATE	CAS: 89-48-5 EC: 201-911-8
CITRAL	N. Index: 605-019-00-3, CAS: 5392-40-5, EC: 226-394-6  Xi; R38-43 3.2/2 Skin Irrit. 2 H315 3.4.2/1-1A-1B Skin Sens. 1, 1A, 1B H317
MYRCENE-BETA	CAS: 123-35-3 EC: 204-622-5  2.6/3 Flam. Liq. 3 H226 3.2/2 Skin Irrit. 2 H315 3.3/2 Eye Irrit. 2 H319 3.8/3 STOT SE 3 H335
PROPANE-1,2-DIOL	No. CAS : 57-55-6 ; CE N. : 200-338-0 ; Nr. REACH : 01-2119456809-23 GLICOLE PROPILENICO EP/USP/'E1520' (162810; 1628002; 1628002-1000; 1628007; 1628007- 210; 1628010-ACEF)

### SECTION 4: First-aid measures

#### 4.1. Description of first aid measures

First-aid measures general	
First-aid measures after inhalation	Remove the affected person to fresh air and keep warm and at rest
First-aid measures after skin contact	In case of skin contact: Immediately take off contaminated clothing. Rinse immediately with plenty of running water and possibly with soap areas of the body that have come into contact with the product, only even suspected. Wash thoroughly the body (shower or bath). Remove contaminated clothing immediately and dispose of safely. After contact with skin, wash immediately with plenty of soap and water.
First-aid measures after eye contact	In case of contact with eyes, rinse immediately with water and call a doctor Then consult an ophthalmologist immediately. Protect unharmed eye.
First-aid measures after ingestion	Do not induce vomiting. SEEK MEDICAL ATTENTION IMMEDIATELY

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

General symptoms/injuries	: No one Known
Symptoms/injuries after inhalation	: No one Known
Symptoms/injuries after skin contact	: No one Known
Symptoms/injuries after eye contact	: No one Known
Symptoms/injuries after ingestion	: No one Known

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

In case of accident or discomfort, seek medical advice immediately (if possible show the instructions for use or safety data sheet).

Treatment: none

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### SECTION 5: Fire-fighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Water. Carbon dioxide (CO<sub>2</sub>).  
Unsuitable extinguishing media : No one in particular

#### 5.2. Special hazards arising from the chemical

Fire hazard :

#### 5.3. Advice for fire-fighters

Protection during fire-fighting :

### SECTION 6: Accidental release measures

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

General measures : Wear personal protective equipment.  
Move people to a safe place.  
See protective measures under point 7 and 8

6.1.1. For non-emergency personnel : Not applicable

6.1.2. For emergency responders : Not applicable

#### 6.2. Environmental precautions

Allow to enter into soil / subsoil. Prevent spills into surface water or sanitary sewer system.  
Retain contaminated washing water and discard.  
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.  
Suitable material for taking up: absorbing material, organic, sand

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

For containment  
Methods for cleaning up : Wash with plenty of water

#### 6.4. Reference to other sections

See also section 8 and 13

### SECTION 7: Handling and storage<sup>30</sup>

#### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin and eyes, inhalation of vapors and mists.  
Do not use empty container before they have been cleaned.  
Before making transfer operations, assure that there are no residues in the containers incompatible materials.  
Contaminated clothing should be changed before entering eating areas.  
At work do not eat or drink.  
See also section 8 for recommended protective equipment

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

Storage conditions : Keep away from food, drink and feed.  
keep the areas adequately ventilated

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

None in particular

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

ALFA PINENE - CAS: 80-56-8  
ACGIH - LTE(8h): 20 ppm - Note: DSEN, A4 - Lung irr

Camphor - CAS: 76-22-2  
ACGIH - LTE(8h): 2 ppm - STE: 3 ppm - Note: A4 - Eye and URT irr, anosmia  
ALFA-TERPINEOLO - CAS: 98-55-5

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TLV TWA - n.a.

TLV STEL - n.a.

### 8.2. Exposure controls

Hand protection	:	Use protective gloves that provide comprehensive protection, eg. PVC, neoprene or rubber.
Eye protection	:	Not required for normal use. Anyway, operate according good working practices Use close fitting safety goggles, do not use eye lens.
Skin and body protection	:	Wear clothing that provide comprehensive protection to the skin, eg. cotton, rubber, PVC or viton.
Respiratory protection	:	Not needed for normal use
Other information	:	Not any

## SECTION 9: Physical and chemical properties

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

Physical state	:	Liquid
Appearance	:	white
Colour	:	
Odor	:	Characteristic.
Odor threshold	:	.
pH	:	.
Relative evaporation rate (butylacetate=1)	:	.
Melting point	:	.
Freezing point	:	.
Boiling point	:	.
Flash point	:	.
Self-ignition temperature	:	.
Decomposition temperature	:	.
Flammability (solid, gas)	:	.
Vapor pressure	:	.
Relative vapor density at 20 °C	:	.
Relative density	:	.
Solubility	:	soluble in water-
Log Pow	:	.
Log Kow	:	.
Viscosity, kinematic	:	.
Viscosity, dynamic	:	.
Explosive properties	:	.
Oxidizing properties	:	.
Explosive limits	:	.

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions

### 10.2. Chemical stability

Stable under normal conditions

### 10.3. Possibility of hazardous reactions

None

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### 10.4. Conditions to avoid

None in particular.

### 10.5. Incompatible materials

None in particular.

### 10.6. Hazardous decomposition products

None

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Not applicable

### INFORMATION ON LIKELY ROUTES OF EXPOSURE:

### SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS:

Potential adverse human health effects and symptoms : No one Known  
Symptoms/injuries after inhalation : No one Known  
Symptoms/injuries after skin contact : No one Known  
Symptoms/injuries after eye contact : No one Known  
Symptoms/injuries after ingestion : No one Known

### DELAYED AND IMMEDIATE EFFECTS AND ALSO CHRONIC EFFECTS FROM SHORT- AND LONG-TERM EXPOSURE:

Acute toxicity : No one Known  
Skin corrosion/irritation : No one Known  
Serious eye damage/irritation : No one Known  
Respiratory or skin sensitization : No one Known  
Germ cell mutagenicity : No one Known  
Carcinogenicity : No one Known  
Reproductive toxicity : No one Known  
Specific target organ toxicity (single exposure) : No one Known  
Specific target organ toxicity (repeated exposure) : No one Known  
Aspiration hazard : No one Known

### NUMERICAL MEASURES OF TOXICITY:

See

### INFORMATION ON LIKELY ROUTES OF EXPOSURE

Product Data	
LD50 oral rat	
LD50 dermal rabbit	
LC50 Inhalation rat	

### ATE Mixture:

Oral: N.A.

Dermal: N.A.

Inhalation: N.A.

## SECTION 12: Ecological information

### 12.1. Toxicity

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### Toxicity

Adopt good working practices, avoiding release of the product in the environment.

d-LIMONENE - CAS: 5989-27-5

a) acute aquatic toxicity:

Endpoint: EC50 - Species: Daphnia = 0:36 mg / l - h Duration: 48 - Notes: Daphnia magna

ALFA PINENE - CAS: 80-56-8

a) acute aquatic toxicity:

Endpoint: LC50 - Species: Fish = 0:28 mg / l - h Duration: 96

Adopt good working practices, avoiding release of the product in the environment.

LINALLOOL - CAS: 78-70-6

a) acute aquatic toxicity:

Endpoint: EC50 - Species: Daphnia = 59000 mg / l - h Duration: 48

Endpoint: LC50 - Species: Fish = 27800 mg / l - h Duration: 96

Endpoint: EC50 - Species: Algae = 88300 mg / l - h Duration: 96

Borneol - CAS: 507-70-0

a) acute aquatic toxicity:

Endpoint: LC50 - Species: Fish = 67.8 mg / l - h Duration: 96

d-LIMONENE - CAS: 5989-27-5

a) acute aquatic toxicity:

Endpoint: EC50 - Species: Daphnia = 0:36 mg / l - h Duration: 48 - Notes: Daphnia magna

### Aquatic toxicity

#### Acute (short-term) fish

Parameter: LC50 (PROPANE-1,2-DIOL; CAS: 57-55-6)

Species: Oncorhynchus mykiss

Effective Dose: = 40613 mg / l

Exposure time: 96 h

#### Acute (short-term) daphnia toxicity

Parameter: EC50 (PROPANE-1,2-DIOL; CAS: 57-55-6)

Species: Ceriodaphnia dubia

Effective Dose: = 18340 mg / l

Exposure time: 48 h

#### Acute (short-term) algae toxicity

Parameter: EC50 (PROPANE-1,2-DIOL; CAS: 57-55-6)

Species: Skeletonema costatum

Effective Dose: = 19000 mg / l

Exposure time: 48 h

### 12.2. Persistence and degradability

Not available

### 12.3. Bio-accumulative potential

Not available

### 12.4. Mobility in soil

Not available

### 12.5. Other adverse effects

VPvB Substances: None - PBT Substances: None

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations.

: Recover if possible. Send to authorized disposal plants or for incineration under controlled conditions. Operate according to local and national regulations.



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### SECTION 14: Transport information

In accordance with DOT/ TDG/ IMDG/ ICAO/ IATA

**14.1 UN Number:** Not determined

**14.2 UN Proper shipping name:** Not determined

#### Additional information

Other information :

### SECTION 15: Regulatory information

Regulation (EC) No. 1907/2006 (REACH)

Regulation (EC) No. 1272/2008 (CLP)

Regulation (EC) No. 790/2009 (ATP 1 CLP) and (EU) No. 758/2013

Regulation (EU) 2015/830

Regulation (EU) No. 286/2011 (ATP 2 CLP)

Regulation (EU) No. 618/2012 (ATP 3 CLP)

Regulation (EU) No. 487/2013 (ATP 4 CLP)

Regulation (EU) No. 944/2013 (ATP 5 CLP)

Regulation (EU) No. 605/2014 (ATP 6 CLP)

Restrictions relating to the product or contained substances pursuant to Annex XVII of Regulation (EC) 1907/2006 (REACH) and subsequent adjustments:None

#### 15.1. US Regulations

##### FEDERAL REGULATIONS:

**TSCA (Toxic Substances Control Act): N.A.**

**CERCLA/SARA – Hazardous Substances and their Reportable Quantities: N.A**

**302 Extremely Hazardous Substances (EPCRA RQs): N.A.**

**302 Extremely Hazardous Substances (TPQs): N.A.**

**CERCLA/SARA - 313 Emission Reporting: N.A**

**302 Extremely Hazardous Substances (EPCRA RQs): N.A**

##### STATE REGULATIONS:

**California Proposition 65: N.A**

#### 15.2. International regulations

**Domestic Substances List (DSL): N.A**

##### EU-Regulations

See section 15.

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### SECTION 16: Other information

#### References

- : Main bibliographic sources:  
ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities  
SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold  
Negotiable - Annex 1  
National Institute of Health - National Chemicals Inventory  
The information contained herein is based on our knowledge as of the date indicated. They refer solely to the product indicated and constitutes no guarantee of particular quality

#### Other information

- : Full List of Acronyms used in SDS:  
This information is based on our knowledge of the product. This sheet provides a provide information for the assessment of health and safety, for the handling, storage and the use. For this evaluation of harmlessness the compiler does not accept any liability arising use or misuse of this product. The use of this information and the conditions of use of the product are under the user's control or supervision.  
The user must verify the suitability and completeness of such information in relation to the specific use intended.  
This sheet supersedes any previous edition.

ADR: European Agreement concerning the international transport of goods dangerous by road.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived no effect level.

EINECS: European Inventory of Existing Commercial Chemical Substances.

GefStoffVO: Ordinance on Hazardous Substances, Germany.

GHS: Globally Harmonized System of Classification and Labelling of chemical products.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "Association for the transport International air "(IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Organization for aviation Civil "(ICAO).

IMDG: International Maritime Code for Dangerous Goods.

INCI: International Nomenclature of Cosmetic Ingredients.

KSt: Explosion coefficient.

LC50: Lethal concentration, for 50 percent of test population.

LD50: Lethal dose, for 50 percent of test population.

LTE: long-term exposure.

PNEC: Predicted No Effect Concentration.

RID: Regulation Concerning the International Carriage of Dangerous Goods by rail.

STE: Short term exposure.

STEL: Short Term Exposure Limit.

STOT: Specific Target Organ Toxicity.

TLV: Threshold Limit Value.

TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour per day. (ACGIH Standard).

WGK: German Class of danger to water.

Date of Preparation: May 19, 2016

SDS US and Canada (Hazcom 2012 and WHMIS 2015)

DISCLAIMER: 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. The user is responsible for determining if this product is fit for the purpose the user intends. The user must exercise his judgment in determining if the information provided herein is appropriate for the particular use of this product. The information in this SDS does not exempt the user from knowing or complying with any applicable regulations or laws applying to their activity/activities. The user takes full responsibility for knowing and taking necessary precautions related to the use or handling of the substance.