

ANUHEA ARGAN

Issued on 04/13/2016 - Rel. # 1 on 04/13/2016

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In conformity to Regulation (EU) 2015/830

SECTION 1. Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product name : ANUHEA ARGAN
Trades code : 022H290350

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

Ambient fragrance

Sectors of use:

Private households (= general public = consumers)[SU21], Professional use[SU22]

Uses advised against

Do not use for purposes other than those listed

1.3. Details of the supplier of the safety data sheet

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Produced by
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1.4. Emergency telephone number

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SECTION 2. Hazards identification**2.1. Classification of the substance or mixture**

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

Pictograms:

GHS02, GHS07, GHS09

Hazard Class and Category Code(s):

Flam. Liq. 2, Skin Sens. 1, Eye Irrit. 2, Aquatic Chronic 2

Hazard statement Code(s):

H225 - Highly flammable liquid and vapour.

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

H411 - Toxic to aquatic life with long lasting effects.

The product easily inflames if subordinate to an ignition source.

If brought into contact with eyes, the product causes significant irritations which may last for more than 24 hours.

The product, if brought into contact with skin, can cause skin sensitization.

The product is dangerous to the environment as it is toxic to aquatic life with long lasting effects

2.2. Label elements

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

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Pictogram, Signal Word Code(s):
 GHS02, GHS07, GHS09 - Danger



Hazard statement Code(s):
 H225 - Highly flammable liquid and vapour.
 H317 - May cause an allergic skin reaction.
 H319 - Causes serious eye irritation.
 H411 - Toxic to aquatic life with long lasting effects.

Supplemental Hazard statement Code(s):
 unavailable

Precautionary statements:

General

P102 - Keep out of children's reach.

Prevention

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Response

P302+P352 - IF ON SKIN: Wash with plenty of water and soap.

P305+P351+P338 - IN CASE OF EYE CONTACT: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Disposal

P501 - Dispose of contents/container in accordance to local regulation.

Contains: Hexyl Cinnamal, Limonene.

Allergens: Benzyl Benzoate, Butylphenyl Methylpropional, Citronellol, Coumarin, Linalool, Citral, Benzyl Alcohol.

2.3. Other hazards

The substance / mixture does NOT contain 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.
 SUBSTANCES MARKED WITH (*) HAVE SPECIFIC LIMITS

NOTE:

Substance	Concentration	Classification	Index	CAS	EINECS	REACH
Ethanol (*)	>= 50 <= 90%	Flam. Liq. 2, H225; Eye Irrit. 2, H319	603-002-00-5	64-17-5	200-578-6	01-2119457 610-43
Hexyl Cinnamal	> 1 <= 5%	Skin Sens. 1, H317; Aquatic Chronic 2, H411		101-86-0	202-983-3	01-2119533 092-50
Limonene	> 1 <= 5%	Flam. Liq. 3, H226; Asp. Tox. 1, H304; Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Acute 1,		5989-27-5	227-813-5	01-2119529 223-47

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Substance	Concentration	Classification	Index	CAS	EINECS	REACH
		H400; Aquatic Chronic 1, H410				
Linalool	> 1 <= 5%	Skin Irrit. 2, H315; Eye Irrit. 2, H319		78-70-6	201-134-4	01-2119474 016-42
Linalyl acetate	> 1 <= 5%	Skin Irrit. 2, H315; Eye Irrit. 2, H319		115-95-7	204-116-4	01-2119454 789-19
Coumarin	> 0,1 < 1%	Acute Tox. 4, H302; Skin Sens. 1B, H317; Aquatic Chronic 3, H412		91-64-5	202-086-7	01-2119943 756-26
Butylphenyl methylpropional	> 0,1 < 1%	Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1B, H317; Repr. 2, H361; Aquatic Chronic 2, H411		80-54-6	201-289-8	01-2119907 954-30
Tetramethyl Acetyloctahydronaphthalenes	> 0,1 < 1%	Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Chronic 2, H411		54464-57-2	259-174-3	01-2119489 989-04
Oxacyclohexadec-12-en-2-one	> 0,1 < 1%	Aquatic Acute 1, H400; Aquatic Chronic 1, H410		111879-80-2	422-320-3	
Citronellol	> 0,1 < 1%	Skin Irrit. 2, H315; Skin Sens. 1, H317; Eye Irrit. 2, H319		106-22-9	203-375-0	01-2119453 995-23
Acetyl cedrene	> 0,1 < 1%	Skin Sens. 1, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410		32388-55-9	251-020-3	
3-methylcyclopentadecenone	> 0,1 < 1%	Skin Sens. 1, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410		63314-79-4	429-900-5	

SECTION 4. First aid measures

4.1. Description of first aid measures

Inhalation:

Air the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated area. If you feel unwell seek for medical advice.

Direct contact with skin (of the pure product):

Take contaminated clothing immediately off.

Wash immediately with plenty of running water and possibly with soap, the areas of the body that have, or are only suspected to have, come in contact with the product.

In case of contact with skin, wash immediately with a plenty of water and soap.

Direct contact with eyes (of the pure product):

Wash immediately and thoroughly with running water, keeping eyelids open for at least 10 minutes, then protect your eyes with a dry sterile gauze. Seek medical advice immediately

Ingestion:

Rinse mouth with water. It's possible to give activated charcoal in water or liquid paraffin medicine.

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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 skin irritation or rash occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

If medical advice is needed, have product container or label at hand.

SECTION 5. Firefighting measures

5.1. Extinguishing media

Advised extinguishing agents:

CO2 or dry powder extinguisher

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

6.1.2 For emergency responders:

Wear gloves and protective clothing

Eliminate all unattended flames and possible sources of ignition. Do not smoke.

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

6.3. Methods and material for containment and cleaning up

6.3.1 For containment:

Rapidly recover the product, wear a mask and protective clothing

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:

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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.

Do not smoke at work. While working do not eat or drink.

Contaminated work clothing should not be allowed out of the workplace.

Wear protective gloves/eye protection.

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.

Keep away from open flames, sparks and heat sources. Avoid direct sunlight exposure.

7.3. Specific end use(s)

Private households (= general public = consumers):

Handle with care. Keep in original container closed tightly.

Professional use:

Handle with care.

Store in a cool place, away from sources of heat and direct exposure of sunlight.

Keep in original container closed tightly.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Related to contained substances:

Ethanol (*):

TLV: 1000 ppm as TWA A4 (not classifiable as a human carcinogen) (ACGIH 2004).

MAK: 500 ppm 960 mg/m³ Peak limitation category: II (2), Class: 5 of carcinogenicity; Pregnancy risk group: C, germ cell mutagen group: 5; (DFG 2004).

Limonene:

TLV TWA - 30 ppm (8h) - AIHA std

8.2. Exposure controls

Appropriate engineering controls:

Private households (= general public = consumers):

None.

Professional use:

No specific control provided.



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Individual protection measures:

(a) Eye / face protection

When handling the pure product use safety glasses (spectacles cage) (EN 166).

(b) Skin protection

(i) Hands protection

When handling the pure product use chemical resistant protective gloves (EN 374-1/EN374-2/EN374-3)

(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	Clear liquid	
Odour	Characteristic	
Odour threshold	unavailable	
pH	not pertinent	
Melting point/freezing point	< -50 °C	
Initial boiling point and boiling range	approx. 80 °C	
Flash point	approx. 15 °C	ASTM D92
Evaporation rate	unavailable	
Flammability (solid, gas)	flammable	
Upper/lower flammability or explosive limits	unavailable	
Vapour pressure	unavailable	
Vapour density	unavailable	
Relative density	0.835 +/- 0.015 g/ml	
Solubility	in solvent	
Water solubility	partially emulsifiable	
Partition coefficient: n-octanol/water	unavailable	
Auto-ignition temperature	unavailable	
Decomposition temperature	unavailable	
Viscosity	unavailable	
Explosive properties	not explosive	
Oxidising properties	non-oxidizing	

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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 avoidAvoid contact with combustible materials. The product could catch fire.
heat, open flames, sparks or hot surfaces.**10.5. Incompatible materials**

None known.

10.6. Hazardous decomposition products

It does not decompose when used for intended uses.

SECTION 11. Toxicological information**11.1. Information on toxicological effects**

ATE(mix) oral = 26.314,3 mg/kg

ATE(mix) dermal = n.a.

ATE(mix) inhal = n.a.

(a) acute toxicity: based on available data, the classification criteria are not satisfied.

(b) skin corrosion/irritation based on available data, the classification criteria are not satisfied.

(c) serious eye damage/irritation: If brought into contact with eyes, the product, causes significant irritations which may last for more than 24 hours.

(d) respiratory or skin sensitization: The product, if brought into contact with skin can cause skin sensitization.

(e) germ cell mutagenicity: based on available data, the classification criteria are not satisfied.

(f) carcinogenicity: based on available data, the classification criteria are not satisfied.

(g) reproductive toxicity: based on available data, the classification criteria are not satisfied.

(h) specific target organ toxicity (STOT) single exposure: based on available data, the classification criteria are not satisfied.

(i) specific target organ toxicity (STOT) repeated exposure based on available data, the classification criteria are not satisfied.

(j) aspiration hazard: based on available data, the classification criteria are not satisfied.

Related to contained substances:

Ethanol (*):

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LC50 Inhalation (rat) : 20000 ppm, 10 h
 LD50 (rat) Oral (mg/kg body weight) = 14000
 LD50 Dermal (rat or rabbit) (mg/kg body weight) = 20000

Limonene:
 LD50 (rat) Oral (mg/kg body weight) = 4400
 LD50 Dermal (rat or rabbit) (mg/kg body weight) = 2000

SECTION 12. Ecological information**12.1. Toxicity**

Related to contained substances:

Ethanol (*):
 Toxicity of the fish, LC50 : > 10000 mg/l
 Toxicity in Daphnia, CEE0 : > 7800 mg/l
 Bacterial toxicity (Ps. Putida), CEE0 : > 6500 mg/l
 Toxicity of the algae (SC. Quadricauda), CEE0 : > 5000 mg/l
 Toxicity of the algae (M. Acruginosa), CEE0 : > 1450 mg/l

Limonene:
 Acute aquatic toxicity:
 Endpoint: EC50 - Species: Daphnia = 33 mg/l - Duration: 96h
 Endpoint: LC50 - Species: Fish = 69,6 mg/l - Duration: 48h
 LC50 Fish : > 0,1 < 1 mg/l
 EC50 Daphnia : > 0,1 < 1 mg/l
 EC50 Alga : > 0,1 < 1 mg/l

The product is dangerous for the environment as it is toxic to aquatic organisms following acute exposure.

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

12.2. Persistence and degradability

Related to contained substances:

Limonene:
 COD : 3280 mg/g

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

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

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12.6. Other adverse effects

No adverse effects

SECTION 13. 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. Send to authorized discharge plants or for incineration under controlled conditions. Operate according to local and National rules in force

SECTION 14. Transport information

14.1. UN number

ADR/RID/IMDG/ICAO-IATA: 1170

If subject to the following characteristics is ADR exempt:

Combination packagings: per inner packaging 1 L per package 30 Kg

Inner packagings placed in shrink-wrapped or stretch-wrapped trays: per inner packaging 1 L per package 20 Kg



14.2. UN proper shipping name

ADR/RID/IMDG: ETHANOL SOLUTION

ICAO-IATA: ETHANOL SOLUTION

14.3. Transport hazard class(es)

ADR/RID/IMDG/ICAO-IATA: Class : 3

ADR/RID/IMDG/ICAO-IATA: Label : 3+Ambiente

ADR: Tunnel restriction code : D/E

ADR/RID/IMDG/ICAO-IATA: Limited quantities : 1 L

IMDG - EmS : F-E, S-D

Note: the mark of dangerous substance for the environment it is not required if the ADR-RID-IMDG transport is made in packaging $\leq 5L$ or $\leq 5 Kg$ either singles or internal combined packaging

14.4. Packing group

ADR/RID/IMDG/ICAO-IATA: II

14.5. Environmental hazards

ADR/RID/ICAO-IATA: Product is environmentally hazardous

IMDG: Marine polluting agent : Yes

Note: single packaging or the combined inner packaging with quantity $\leq 5 L$ or $\leq 5 Kg$ are not subjected to the disposition of marine pollutants.

14.6. Special precautions for user

Transport must be executed through vehicles authorized for transport of dangerous goods, according to regulations of current edition of agreement A.D.R. and to national dispositions applicable.

Transport must be done in original packaging and, however, they must be made of materials unassailable by the content and not able to create dangerous reactions. Staff assigned to loading and unloading of dangerous goods must be well educated to hazards of the product and procedures to be adopted in case of emergency situation.

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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

D.Lgs. 3/2/1997 n. 52 (Classification, packaging and labelling of dangerous substances). D.Lgs 14/3/2003 n. 65 (Classification, packaging and labelling of dangerous preparations). D.Lgs. 2/2/2002 n. 25 (Risks derived from chemical agents during work). D.M. Labour 26/02/2004 (Limits for professional exposure). D.M. 03/04/2007 (Fulfillment of EU regulation 2006/8). EU Regulation n. 1907/2006 (REACH), Regulation (CE) n. 1272/2008 (CLP). Regulation (CE) n.790/2009.D.Lgs. 21/09/2005 n. 238 (Direttiva Seveso Ter).

Seveso category:

P5c - FLAMMABLE LIQUIDS

E2 - ENVIRONMENTAL HAZARDS

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

H225 = Highly flammable liquid and vapour.

H319 = Causes serious eye irritation.

H317 = May cause an allergic skin reaction.

H411 = Toxic to aquatic life with long lasting effects.

H226 = Flammable liquid and vapour.

H304 = May be fatal if swallowed and enters airways.

H315 = Causes skin irritation.

H400 = Very toxic to aquatic life.

H410 = Very toxic to aquatic life with long lasting effects.

H302 = Harmful if swallowed.

H412 = Harmful to aquatic life with long lasting effects.

H361 = Suspected of damaging fertility or the unborn child .

Classification based on data of all mixture components

Main regulatory references:

Directive 2001/60/CE

Regulation 2008/1272/CE

Regulation 2010/453/CE

***This data sheet annuls and substitutes each previous version.