

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 20.09.2022

Version number 2

Revision: 20.09.2022

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

- **1.1 Product identifier**
- **Trade name: AT FRESH INSIDE AGRUMIX**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Life cycle stages PW** Widespread use by professional workers
- **Sector of Use SU22** Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- **Product category PC28** Perfumes, fragrances
- **Application of the substance / the mixture** Antiperspirant
- **1.3 Details of the supplier of the safety data sheet**
- **Supplier:**
Adriateh d.o.o.
Zagrebačka ulica 2
10431 Sveta Nedelja-Novaki, Hrvatska
Tel. +013335-120
www.adriateh.hr
info@adriateh.hr
- **Informing department:**
info@adriateh.hr
- **1.4 Emergency telephone number:** In case of accident call the emergency number 112

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the GB CLP regulation.
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements**
H412 Harmful to aquatic life with long lasting effects.
- **Precautionary statements**
P273 Avoid release to the environment.
P501 Dispose of contents/container in accordance with local/regional/national/international regulation
- **Additional information:**
EUH208 Contains (R)-p-mentha-1,8-diene. May produce an allergic reaction.
Keep out of the reach of children
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** Mixture of substances

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
- Dangerous components:



CAS: 5989-27-5

EINECS: 227-813-5

Reg.nr.: 01-2119529223-47

(R)-p-mentha-1,8-diene

 Flam. Liq. 3, H226;  Aquatic Acute 1, H400;  Aquatic Chronic 1, H410;

 Skin Irrit. 2, H315;  Skin Sens. 1, H317

<1%

- **Additional information** For the wording of the listed hazard phrases refer to section 16.**SECTION 4: First aid measures****- 4.1 Description of first aid measures**- **General information** No special measures required.- **After inhalation** Supply fresh air; consult doctor in case of symptoms.- **After skin contact** The product is not skin irritating.- **After eye contact** Rinse opened eye for several minutes under running water.- **After swallowing** In case of persistent symptoms consult doctor.**- 4.2 Most important symptoms and effects, both acute and delayed**

Sickness

No further relevant information available.

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

If swallowed, gastric irrigation

Medical supervision for at least 48 hours

SECTION 5: Firefighting measures**- 5.1 Extinguishing media****- Suitable extinguishing agents**CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

Use fire fighting measures that suit the environment.

- 5.2 Special hazards arising from the substance or mixture

Can be released in case of fire

Carbon monoxide (CO)

- 5.3 Advice for firefighters**- Protective equipment:**

Do not inhale explosion gases or combustion gases.

Protection means for respiratory tract

- Additional information

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures**- 6.1 Personal precautions, protective equipment and emergency procedures** Protective gloves. (EN 374)**- For non-emergency personnel**

Ensure adequate ventilation

Keep away from ignition sources

Wear protective clothing.

- For emergency responders

PVC gloves

Nitrile rubber, NBR

- 6.2 Environmental precautions:

Inform respective authorities in case product reaches water or sewage system.

Dilute with much water.

Do not allow to enter drainage system, surface or ground water.

- 6.3 Methods and material for containment and cleaning up:

Ensure adequate ventilation.

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose of the material collected according to regulations.

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- 6.4 Reference to other sections

See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.

SECTION 7: Handling and storage**- 7.1 Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.
Take off immediately all contaminated clothing
Wash hands during breaks and at the end of the work.
Do not eat, drink or smoke while working.

- Information about protection against explosions and fires: Protect from heat.

- 7.2 Conditions for safe storage, including any incompatibilities**- Storage**

- Requirements to be met by storerooms and containers: Store only in the original container.

- Information about storage in one common storage facility: Not required.

- Further information about storage conditions: None.

- Class according to regulation on inflammable liquids: Void

- 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection**- 8.1 Control parameters****- Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- DNELs**69011-36-5 Isotridecyl alcohol polyoxyethylene ether**

Dermal	Systemic long-term effects	2,080 mg/Kg bw/day (Industrial Workers)
Inhalative	Systemic long-term effects	294 mg/m ³ (Industrial Workers)

5989-27-5 (R)-p-mentha-1,8-diene

Oral	Systemic Long-term Effects	4.8 mg/Kg bw/day (Consumers)
Dermal	Systemic long-term effects	9.5 mg/Kg bw/day (Industrial Workers)
		4.8 mg/Kg bw/day (Consumers)
Inhalative	Local long-term effects	33.3 mg/m ³ (Industrial Workers)
	Systemic long-term effects	66.7 mg/m ³ (Industrial Workers)
		16.6 mg/m ³ (Consumers)

- PNECs**69011-36-5 Isotridecyl alcohol polyoxyethylene ether**

PNEC STP	1.4 mg/L (STP)
Soil	0.1 mg/Kg (Soil)
Soft Water	0.074 mg/L (Water)
Sea water	0.007 mg/L (Water)
Sediment (soft water)	0.604 mg/Kg (Soil)
Sediment (sea water)	0.06 mg/Kg (Soil)

5989-27-5 (R)-p-mentha-1,8-diene

PNEC STP	1.8 mg/L (STP)
Soil	0.763 mg/Kg (Soil)
Soft Water	0.014 mg/L (Water)

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Sea water	0.0014 mg/L (Water)
Sediment (soft water)	3.85 mg/Kg (Soil)
Sediment (sea water)	0.385 mg/Kg (Soil)

- **Additional information:** The lists that were valid during the compilation were used as basis.

- **8.2 Exposure controls**

- **Appropriate engineering controls** No further data; see item 7.
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures** Wash hands during breaks and at the end of the work.
- **Breathing equipment:** Not necessary if room is well-ventilated.
- **Hand protection**



Protective gloves. (EN 374)

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
Preventive skin protection by use of skin-protecting agents is recommended.

- **Material of gloves**

PVC gloves
Nitrile rubber, NBR

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye/face protection**



Safety glasses recommended during refilling.

- **Environmental exposure controls** Disposal must be made according to official regulations.

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**

- **General Information**

- | | |
|---|-----------------|
| - Physical state | Fluid |
| - Colour: | Orange |
| - Odour: | Pleasant |
| - Odour threshold: | Not determined. |
| - Melting point/freezing point: | 0 °C |
| - Boiling point or initial boiling point and boiling range | 100 °C |
| - Flammability | Not applicable. |
| - Lower and upper explosion limit | |
| - Lower: | Not determined. |
| - Upper: | Not determined. |
| - Flash point: | Not applicable |
| - Decomposition temperature: | Not determined. |
| - pH at 20 °C | 7 |
| - Viscosity: | |
| - Kinematic viscosity | Not determined. |
| - dynamic at 20 °C: | 0.952 mPas |
| - Solubility | |
| - Water: | Fully miscible |
| - Partition coefficient n-octanol/water (log value) | Not determined. |
| - Vapour pressure at 20 °C: | 23 hPa |

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- Density and/or relative density	
- Density at 20 °C	1 g/cm ³
- Relative density	Not determined.
- Vapour density	Not determined.

- 9.2 Other information	
- Appearance:	
- Form:	Liquid
- Important information on protection of health and environment, and on safety.	
- Self-inflammability:	Product is not selfigniting.
- Explosive properties:	Product is not explosive.
- Molecular weight	18.02 g/mol
- Change in condition	
- Evaporation rate	Not determined.

- Information with regard to physical hazard classes	
- Explosives	Void
- Flammable gases	Void
- Aerosols	Void
- Oxidising gases	Void
- Gases under pressure	Void
- Flammable liquids	Void
- Flammable solids	Void
- Self-reactive substances and mixtures	Void
- Pyrophoric liquids	Void
- Pyrophoric solids	Void
- Self-heating substances and mixtures	Void
- Substances and mixtures, which emit flammable gases in contact with water	Void
- Oxidising liquids	Void
- Oxidising solids	Void
- Organic peroxides	Void
- Corrosive to metals	Void
- Desensitised explosives	Void

SECTION 10: Stability and reactivity

- 10.1 Reactivity Stable under normal conditions
- 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions No dangerous reactions known
- 10.4 Conditions to avoid No further relevant information available.
- 10.5 Incompatible materials: No further relevant information available.
- 10.6 Hazardous decomposition products: No dangerous decomposition products known

SECTION 11: Toxicological information

- 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
- Acute toxicity

- LD/LC50 values that are relevant for classification:

69011-36-5 Isotridecyl alcohol polyoxyethylene ether

Oral	LD50	300-2,000 mg/Kg (Rat)
Dermal	LD50	>2,000 mg/Kg (Rat)

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5989-27-5 (R)-p-mentha-1,8-diene

Oral	LD50	5,600 mg/Kg (Mouse)
		3,500 mg/Kg (Rat)
Dermal	LD50	>5,000 mg/Kg (Rabbit)

- 11.2 Information on other hazards**- Endocrine disrupting properties**

None of the ingredients is listed.

SECTION 12: Ecological information**- 12.1 Toxicity****- Aquatic toxicity:****69011-36-5 Isotridecyl alcohol polyoxyethylene ether**

LC50 (96h)	1-10 mg/L (Fish)
EC50 (48h)	1-10 mg/L (Daphnia)
EC50 (72h)	1-10 mg/L (Algae)

5989-27-5 (R)-p-mentha-1,8-diene

LC50 (96h)	0.72 mg/L (Fish)
EC50 (48h)	0.36 mg/L (Daphnia)
EC50 (96h)	0.688 mg/L (Fish)
EC50 (72h)	0.32 mg/L (Algae)

- 12.2 Persistence and degradability No further relevant information available.**- 12.3 Bioaccumulative potential** No further relevant information available.**- 12.4 Mobility in soil** No further relevant information available.**- 12.5 Results of PBT and vPvB assessment****- PBT:** Not applicable.**- vPvB:** Not applicable.**- 12.6 Endocrine disrupting properties** The product does not contain substances with endocrine disrupting properties.**- 12.7 Other adverse effects****- Remark:** Harmful to fish**- Additional ecological information:****- General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

Harmful to aquatic organisms

SECTION 13: Disposal considerations**- 13.1 Waste treatment methods****- Recommendation**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- Uncleaned packagings:**- Recommendation:** Disposal must be made according to official regulations.**- Recommended cleaning agent:** Water, if necessary with cleaning agent.**SECTION 14: Transport information****- 14.1 UN number or ID number****- ADR, ADN, IMDG, IATA**

Void

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- 14.2 UN proper shipping name - ADR, ADN, IMDG, IATA	Void
- 14.3 Transport hazard class(es) - ADR, ADN, IMDG, IATA - Class	Void
- 14.4 Packing group - ADR, IMDG, IATA	Void
- 14.5 Environmental hazards: - Marine pollutant:	No
- 14.6 Special precautions for user	Not applicable.
- 14.7 Maritime transport in bulk according to IMO instruments	Not applicable.

SECTION 15: Regulatory information

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

- Directive 2012/18/EU

- Named dangerous substances - ANNEX I None of the ingredients is listed.

- National regulations

- Classification according to VbF: Void

- Technical instructions (air):

Class	Share in %
NK	0.9

- Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

- Relevant phrases

H226 Flammable liquid and vapour.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

- Department issuing data specification sheet: Ma-Fra Laboratories

- Contact: lab@mafra.it

- Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

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

VbF: Verordnung über brennbare Flüssigkeiten, Österreich (Ordinance on the storage of combustible liquids, Austria)

DNEL: Derived No-Effect Level (UK REACH)

PNEC: Predicted No-Effect Concentration (UK REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 3: Flammable liquids – Category 3

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

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*Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1**Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1**Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3***- * Data compared to the previous version altered.**

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