

Safety Data Sheet

According to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Product code: MZ0418
Issue date: 7/25/2023 Revision date: 4/25/2025 Supersedes version of: 7/25/2023 Version: 1.0

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

1.1. Product identifier

Product form : Mixture
Product name : EAU THERMALE AVENE HYDRANCE AQUA-GEL
Product code : MZ0418
Type of product : Cosmetic

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

Relevant identified uses

Main use category : Professional use
Industrial/Professional use spec : THIS MSDS IS FOR PROFESSIONAL USE ONLY (MANUFACTURING, STORAGE, TRANSPORT)
IT IS NOT INTENDED FOR CONSUMER
Use of the substance/mixture : Cosmetics industry

1.3. Details of the supplier of the safety data sheet

AVENE - PIERRE FABRE DERMOCOSMETIQUE & PERSONAL CARE
Les Cauquillous - 81500 Lavaur - France
T 33 (5) 63 58 88 00
FDS@pierre-fabre.com

1.4. Emergency telephone number

Emergency number : INRS : 33 (1) 45 42 59 59 (FRANCE)

Country/Area	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH	0344 892 0111	Only for healthcare professionals

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Hazardous to the aquatic environment – Chronic Hazard, H412
Category 3

Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

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 and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
Unknown hazards to the aquatic environment (CLP) : Contains 1.22 % of components with unknown hazards to the aquatic environment

2.3. Other hazards

Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII.

EAU THERMALE AVENE HYDRANCE AQUA-GEL

Safety Data Sheet

According to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
glycerin substance with national workplace exposure limit(s) (BE, DE, ES, FR, GB, PL)	CAS-No.: 56-81-5 EC-No.: 200-289-5 REACH-no: 01-2119471987-18	5 – 10	Not classified
isocetyl stearyl stearate	CAS-No.: 97338-28-8 EC-No.: 306-621-6 REACH-no: 01-2120760825-47	1 – 5	Aquatic Chronic 1, H410

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: Allow the victim to rest. Assure fresh air breathing. Get medical advice/attention if you feel unwell.
First-aid measures after skin contact	: Remove contaminated clothes for decontamination by the bottom (not to contaminate the face). Rinse the skin during at least 15 minutes with water at 15° C at 15 cm. If skin irritation occurs, get medical advice/attention.
First-aid measures after eye contact	: Immediately rinse with clean water for 15-20 minutes, and respect this time. Avoid contaminating the healthy eye during the rinsing. Consult an optalmologist if irritation persists.
First-aid measures after ingestion	: Allow the victim to rest. Get medical advice/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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Carbon dioxide. Dry powder.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : COx. NOx. POx. SOx.

5.3. Advice for firefighters

Precautionary measures fire	: Do not enter fire area without proper protective equipment: fire clothes, boots and Individual Respiratory Protection.
Protection during firefighting	: Wear fire/flame resistant/retardant clothing. Self-contained breathing apparatus.

EAU THERMALE AVENE HYDRANCE AQUA-GEL

Safety Data Sheet

According to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Protective equipment : People with appropriated protection equipment (Section 8).
Emergency procedures : Avoid product contact. Do not breathe vapours. Ventilate spillage area. Evacuate the danger area, observe emergency procedures.

For emergency responders

Protective equipment : People with appropriated protection equipment (Section 8).
Emergency procedures : Delimit the discharge area and prohibit the access. Discharges should be handled by trained cleaning personnel.

6.2. Environmental precautions

Avoid release in sewage, river and ground water (earth dike, sewage shutter). In case of discharge, contact the agreed authority when the situation can not be controlled quickly and effectively.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Contain the discharges and collect them with absorbing material of the universal trade. Keep the wastes in closed and tight container.

6.4. Reference to other sections

Indications about protective equipment (see Section 8). Indications about waste treatment (see Section 13).

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : People with appropriated protection equipment (Section 8).
Hygiene measures : Handle under hood. Wash hands after each handling. Remove the contaminated clothes. Do not drink, eat or smoke in the handling room. Inspect the individual protection equipment after each handling. No personal objects at the work station. Avoid taking contaminated clothes home. Change clothes systematically at coffee breaks or meal times.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container tightly closed. Store at room temperature.

7.3. Specific end use(s)

Apart from the use mentioned in Section 1.2 no other specific use is stipulated.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

National occupational exposure and biological limit values

glycerin (56-81-5)	
United Kingdom - Occupational Exposure Limits	
Local name	Glycerol
WEL TWA (OEL TWA)	10 mg/m ³ mist
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

EAU THERMALE AVENE HYDRANCE AQUA-GEL

Safety Data Sheet

According to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

8.2. Exposure controls

Appropriate engineering controls

Appropriate engineering controls:

Chemical hood or sorbonne for handling. Fume detector. First-aid kit. Security instructions.

Personal protection equipment

Personal protective equipment:

Not required.

Thermal hazards

Thermal hazard protection:

No additional information available.

Environmental exposure controls

Environmental exposure controls:

No additional information available.

Consumer exposure controls:

No additional information available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: White.
Appearance	: Emulsion.
Odour	: Characteristic.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Not available
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: Not available
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: 4.5 – 5.5
pH solution concentration	: 100 %
Viscosity, kinematic	: 5511.811 mm ² /s
Viscosity, dynamic	: 5600 (5600 – 6800) cP
Solubilities	: Not available
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure	: Not available
Density	: 1.016 g/cm ³
Relative density	: 1.016 (1.016 – 1.036)
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

glycerin (56-81-5)

Boiling point	290 °C Atm. press.: 760 mm Hg
Flash point	160 °C
Auto-ignition temperature	370 °C
Vapour pressure	< 0.01 hPa (20° C)

EAU THERMALE AVENE HYDRANCE AQUA-GEL

Safety Data Sheet

According to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

isocetyl stearoyl stearate (97338-28-8)	
Boiling point	> 300 °C
Flash point	193.5 °C
Auto-ignition temperature	401 °C
Vapour pressure	< 0.0001 Pa Temp.: 20 °C

9.2. Other informations

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable under recommended storage conditions (Section 7).

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Heat. Freezing. Light.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

COx. NOx. POx. SOx.

SECTION 11: Toxicological information

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

Acute toxicity (oral) : No additional information available
Acute toxicity (dermal) : No additional information available
Acute toxicity (inhalation) : No additional information available

glycerin (56-81-5)	
LD50 oral rat	27200 mg/kg
LD50 dermal rabbit	> 10000 mg/kg
LC50 inhalation rat (dust/mist - mg/l/4h)	5.85 mg/l/4h
ATE CLP (oral)	27200 mg/kg bodyweight
ATE CLP (dust, mist)	5.85 mg/l/4h

isocetyl stearoyl stearate (97338-28-8)	
LD50 oral rat	> 20000 mg/kg
LD50 dermal rat	> 2000 mg/kg
LC50 inhalation rat (vapours - mg/l/4h)	> 5.7 mg/l/4h

Skin corrosion/irritation : Not irritating
pH: 4.5 – 5.5

EAU THERMALE AVENE HYDRANCE AQUA-GEL

Safety Data Sheet

According to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Additional information : - Evaluation of the cutaneous irritating potential after application on reconstituted human epidermis: non irritant
- Human Repeated Insult Patch Test: Irritation and sensitization evaluation after repeated applications to the skin under open patch 3 applications a week during 3 weeks: non irritant

glycerin (56-81-5)	
pH	6 – 7.5

Serious eye damage/irritation : Not irritating
pH: 4.5 – 5.5

Additional information : - Evaluation of the ocular irritating potential after application on reconstituted human cornea: non irritant

glycerin (56-81-5)	
pH	6 – 7.5

Respiratory or skin sensitisation : Non cutaneous sensitizing

Additional information : - Human Repeated Insult Patch Test: Irritation and sensitization evaluation after repeated applications to the skin under occlusive patch 3 applications a week during 3 weeks : non sensitizing

Germ cell mutagenicity : No additional information available

Carcinogenicity : No additional information available

glycerin (56-81-5)	
NOAEL (chronic, oral, rat/male, 2 years)	8000 – 10000 mg/kg/d

Reproductive toxicity : No additional information available

glycerin (56-81-5)	
NOAEL (animal/male, F0/P)	1310 mg/kg/d (developmental toxicity, oral, rat)
NOAEL (animal/female, F0/P)	1310 mg/kg/d (developmental toxicity, oral, rat)
NOAEL (animal/male, F1)	1310 mg/kg/d (developmental toxicity, oral, rat)
NOAEL (animal/female, F1)	1310 mg/kg/d (developmental toxicity, oral, rat)

isocetyl stearoyl stearate (97338-28-8)	
NOAEL (animal/male, F0/P)	1000 mg/kg/d (toxicity to reproduction, oral, rat)
NOAEL (animal/female, F0/P)	1000 mg/kg/d (toxicity to reproduction, oral, rat)
NOAEL (animal/male, F1)	1000 mg/kg/d (developmental toxicity, oral, rat)
NOAEL (animal/female, F1)	1000 mg/kg/d (developmental toxicity, oral, rat)

STOT-single exposure : No additional information available

STOT-repeated exposure : No additional information available

glycerin (56-81-5)	
NOAEL (subacute, oral, rat, 28 days)	1600 mg/kg/d
NOAEL (oral, rat, 90 days)	18750 mg/kg/d

isocetyl stearoyl stearate (97338-28-8)	
NOAEL (subacute, oral, rat, 28 days)	≥ 1000 mg/kg/d
NOAEL (oral, rat, 90 days)	1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity Study in Rodents), Guideline: EU Method B.7 (Repeated Dose (28 Days) Toxicity (Oral))

Others : Non-phototoxic. Non-photoallergic.

EAU THERMALE AVENE HYDRANCE AQUA-GEL	
Viscosity, kinematic	5511.811 mm ² /s

EAU THERMALE AVENE HYDRANCE AQUA-GEL

Safety Data Sheet

According to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

glycerin (56-81-5)	
Viscosity, kinematic	1120.635 mm ² /s
isocetyl stearoyl stearate (97338-28-8)	
Viscosity, kinematic	41 mm ² /s

11.2. Information on other hazards

Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties : No additional information available

Other informations

Other informations : The classification of this mixture was realized according to the concentrations of different ingredients and due to toxicological data obtained about the mixture itself or about a similar mixture.

SECTION 12: Ecological information

12.1. Toxicity

Unknown hazards to the aquatic environment (CLP) : Contains 1.22 % of components with unknown hazards to the aquatic environment
Hazardous to the aquatic environment, short-term (acute) : No additional information available
Hazardous to the aquatic environment, long-term (chronic) : No additional information available

glycerin (56-81-5)	
LC50 96h fish	54000 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 48h daphnia	1955 mg/l
isocetyl stearoyl stearate (97338-28-8)	
NOEC, chronic, daphnia (21d)	0.007 mg/l

12.2. Persistence and degradability

EAU THERMALE AVENE HYDRANCE AQUA-GEL	
Persistence and degradability	Not available.
glycerin (56-81-5)	
Persistence and degradability	Readily biodegradable.
isocetyl stearoyl stearate (97338-28-8)	
Persistence and degradability	Readily biodegradable.
Biodegradation (28d)	86 %

12.3. Bioaccumulative potential

glycerin (56-81-5)	
Partition coefficient n-octanol/water (Log Kow)	-1.75
Bioaccumulative potential	Bioaccumulation is not expected (Log Kow < 1).
isocetyl stearoyl stearate (97338-28-8)	
Partition coefficient n-octanol/water (Log Kow)	10

EAU THERMALE AVENE HYDRANCE AQUA-GEL

Safety Data Sheet

According to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

isocetyl stearoyl stearate (97338-28-8)

Bioaccumulative potential

Bioaccumulation is expected (Log Kow >3).

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Others

Additional information : The classification of this mixture was realized according to the concentrations of different ingredients.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose of this material and its container at hazardous or special waste collection point.
HP Code : HP14 - "Ecotoxic:" waste which presents or may present immediate or delayed risks for one or more sectors of the environment

SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
Not regulated for transport				
14.2. UN proper shipping name				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available				

14.6. Special precautions for user

Overland transport

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

EAU THERMALE AVENE HYDRANCE AQUA-GEL

Safety Data Sheet

According to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Inland waterway transport

Not regulated

Rail transport

Not regulated

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

EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants.

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Indication of changes		
Section	Changed item	Comments
9	Viscosity, dynamic	Modified
9	pH	Modified
9.1	Density	Added
11.1	Others	Added
11.1	Respiratory or skin sensitisation	Added

EAU THERMALE AVENE HYDRANCE AQUA-GEL

Safety Data Sheet

According to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Indication of changes		
Section	Changed item	Comments
11.1	Skin corrosion/irritation	Added
11.1	Serious eye damage/irritation	Added

Other information : 302 F - 01.

Full text of H- and EUH-statements:	
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Aquatic Chronic 3	H412	Calculation method

Safety Data Sheet (SDS), EU

Direction Hygiène, Sécurité & Environnement - Business Unit Opérations

DISCLAIMER OF LIABILITY: The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

This SDS shall not apply to substances and mixtures in the following forms, which are in the finished state, intended for the final user:

- Medicinal products as defined in Directive 2001/83/EC,
- Cosmetic products as defined in Directive 76/768/EEC,
- Medical devices as defined in Directives 90/385/EEC and 93/42/EEC, which are invasive or used in direct physical contact with the human body, and in Directive 98/79/EC.