

SAFETY DATA SHEET

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

1.1. Product identifier

Trade name

S3 pH-Neutral Shampo

Product no.

1075

Unique formula identifier (UFI)

FRH6-46AE-S1F3-VR2F

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

Relevant identified uses of the substance or mixture

Car shampoo

Uses advised against

No special

1.3. Details of the supplier of the safety data sheet

Company and address

Pureest AB

Tegelvägen 2

443 61 Stenkullen

Sweden

031-12 92 94

E-mail

info@pureest.se

Revision

7/12/2022

SDS Version

1.0

1.4. Emergency telephone number

In urgent situations: Call 112 and request the poison information centre. (24h service)

In less severe situations: Call 010-456 6700 (24h service)

See also section 4 "First aid measures".

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Eye Dam. 1; H318, Causes serious eye damage.

2.2. Label elements

Hazard pictogram(s)



Signal word

Danger

Hazard statement(s)

Causes serious eye damage. (H318)

Safety statement(s)

General

If medical advice is needed, have product container or label at hand. (P101)

Keep out of reach of children. (P102)

Prevention

Wear eye protection/protective gloves. (P280)

Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)
Immediately call a POISON CENTER/doctor. (P310)

Storage

-

Disposal

-

Hazardous substances

Alcohols, C12-14, ethoxylated, sulfates, sodium salts
1-Heptanol, 2-propyl-, 8EO

2.3. Other hazards

Additional labelling

EUH208, Contains 1,2-benzisothiazol-3(2H)-one, 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one, (R)-p-mentha-1,8-diene. May produce an allergic reaction.

Additional warnings

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	CAS No.: 68891-38-3 EC No.: 500-234-8 REACH: 01-2119488639-16 Index No.:	5-10%	Skin Irrit. 2, H315 Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 5.00 %) Aquatic Chronic 3, H412	
1-Heptanol, 2-propyl-, 8EO	CAS No.: 160875-66-1 EC No.: REACH: Index No.:	3-5%	Acute Tox. 4, H302 Eye Dam. 1, H318	
1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	CAS No.: 54464-57-2 EC No.: 259-174-3 REACH: 01-2119489989-04 Index No.:	<1%	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410 (M=1)	
(R)-p-mentha-1,8-diene	CAS No.: 5989-27-5 EC No.: 227-813-5 REACH: 01-2119529223-47 Index No.: 601-029-00-7	<1%	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 3, H412	[9]
1,2-benzisothiazol-3(2H)-one	CAS No.: 2634-33-5 EC No.: 220-120-9 REACH: Index No.: 613-088-00-6	<0.05%	Acute Tox. 4, H302 Skin Irrit. 2, H315 Skin Sens. 1, H317 (SCL: 0.05 %) Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=1)	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

[9] Identified by EU as one of 26 specific fragrance ingredients, known to cause allergic contact dermatitis (Regulation (EC) No 1223/2009 on cosmetic products)

Labelling of contents according to Detergents Regulation (EC) No 648/2004

5% - 15%

· Anionic surfactants

< 5%

· Non-ionic surfactants

· Perfumes (D-LIMONENE)

· Preservation agent (BENZISOTHIAZOLINONE)

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact

IF ON SKIN: Wash with plenty of water/water and soap.

Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap.

If skin irritation occurs: Get medical advice/attention.

Eye contact

Upon irritation of the eye: Remove contact lenses. Flush eyes with plenty of water or salt water (20-30°C) for at least 15 minutes and continue until irritation stops. Make sure you flush under the upper and lower eyelids.

Seek medical assistance immediately and continue flushing during transport.

Ingestion

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

Burns

Not applicable

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, -irritations and burns in the respiratory organs -as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

This product contains substances that may trigger an allergic reaction to predisposed persons.

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

IF exposed or concerned:

Get immediate medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Not applicable

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

6.3. Methods and material for containment and cleaning up

Limit spillage and collect using granular absorbent or similar materials, and dispose of it in accordance with the regulations on dangerous waste.

Use sand, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations.

To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 on "Disposal considerations" in regard of handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid direct contact with the product.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material

Always store in containers of the same material as the original container.

Storage temperature

Room temperature 18 to 23°C

Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No substances are listed in the national list of substances with an occupational exposure limit.

DNEL

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Duration	Route of exposure	DNEL
Long term – Systemic effects - General population	Dermal	1650 mg/kg
Long term – Systemic effects - Workers	Dermal	2750 mg/kg
Long term – Systemic effects - General population	Inhalation	52 mg/m ³
Long term – Systemic effects - Workers	Inhalation	175 mg/m ³
Long term – Systemic	Oral	15 mg/kg

effects - General population

PNEC

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Route of exposure	Duration of Exposure	PNEC
Freshwater		0.24 mg/L
Freshwater sediment		0.917 mg/kg
Intermittent release		0.071 mg/L
Marine water		0.024 mg/L
Marine water sediment		0.092 mg/kg
Sewage treatment plant		10000 mg/L
Soil		7.5 mg/kg

8.2. Exposure controls

Control is unnecessary if the product is used as intended.

General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios

There are no exposure scenarios implemented for this product.

Exposure limits

Occupational exposure limits have not been defined for the substances in this product.

Appropriate technical measures

Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

Measures to avoid environmental exposure

No specific requirements

Individual protection measures, such as personal protective equipment

Generally

Use only CE marked protective equipment.

Respiratory Equipment

No specific requirements

Skin protection

No specific requirements

Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards
Nitrile	-	-	EN374-2



Eye protection

Type	Standards
Safety glasses with side shields.	EN166



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

Greenish

Odour / Odour threshold

Perfume

pH

7

Density (g/cm³)

1

Kinematic viscosity

Testing not relevant or not possible due to nature of the product.

Particle characteristics

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C)

Testing not relevant or not possible due to nature of the product.

Softening point/range (waxes and pastes) (°C)

Does not apply to liquids.

Boiling point (°C)

Testing not relevant or not possible due to nature of the product.

Vapour pressure

Testing not relevant or not possible due to nature of the product.

Relative vapour density

Testing not relevant or not possible due to nature of the product.

Decomposition temperature (°C)

Testing not relevant or not possible due to nature of the product.

Data on fire and explosion hazards

Flash point (°C)

Testing not relevant or not possible due to nature of the product.

Ignition (°C)

Testing not relevant or not possible due to nature of the product.

Auto flammability (°C)

Testing not relevant or not possible due to nature of the product.

Lower and upper explosion limit (% v/v)

Testing not relevant or not possible due to nature of the product.

Solubility

Solubility in water

Completely soluble

n-octanol/water coefficient

Testing not relevant or not possible due to nature of the product.

Solubility in fat (g/L)

Testing not relevant or not possible due to nature of the product.

9.2. Other information

Other physical and chemical parameters

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

No special

10.4. Conditions to avoid

No special

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

SECTION 11: Toxicological information

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

Acute toxicity

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	>5000 mg/kg
Other information	

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method	
Species	Rat
Route of exposure	Dermal
Test	LD50
Result	>5000 mg/kg
Other information	

Product/substance	1-Heptanol, 2-propyl-, 8EO
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	>300-2000 mg/kg
Other information	

Product/substance	(R)-p-mentha-1,8-diene
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	4400 mg/kg
Other information	

Product/substance	(R)-p-mentha-1,8-diene
Test method	
Species	Rabbit
Route of exposure	Dermal
Test	LD50
Result	>5000 mg/kg
Other information	

Product/substance	1,2-benzisothiazol-3(2H)-one
Test method	

Species	Rat
Route of exposure	Dermal
Test	LD50
Result	>2000 mg/kg
Other information	

Product/substance	1,2-benzisothiazol-3(2H)-one
Test method	
Species	Mouse
Route of exposure	Oral
Test	LD50
Result	1150 mg/kg
Other information	

Product/substance	1,2-benzisothiazol-3(2H)-one
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	597 mg/kg
Other information	

Product/substance	1,2-benzisothiazol-3(2H)-one
Test method	
Species	Rat
Route of exposure	Dermal
Test	LD50
Result	>2000 mg/kg engångsdos ·
Other information	

Product/substance	1,2-benzisothiazol-3(2H)-one
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	1020 mg/kg ·
Other information	

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Causes serious eye damage.

Respiratory sensitisation

Based on available data, the classification criteria are not met.

Skin sensitisation

This product contains substances that may trigger an allergic reaction to predisposed persons.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

11.2. Information on other hazards

Long term effects

This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

Endocrine disrupting properties

No special

Other information

(R)-p-mentha-1,8-diene has been classified by IARC as a group 3 carcinogen.

SECTION 12: Ecological information

12.1. Toxicity

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method	
Species	Fish, <i>Leuciscus idus</i>
Compartment	
Duration	96 hours
Test	LC50
Result	10-100 mg/L
Other information	

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method	
Species	Daphnia, <i>Daphnia magna</i>
Compartment	
Duration	48 hours
Test	EC50
Result	10-100 mg/L
Other information	

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method	
Species	Algae, <i>Scenedesmus subspicatus</i>
Compartment	
Duration	72 hours
Test	EC50
Result	>100 mg/L
Other information	

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method	
Species	Daphnia, <i>Daphnia magna</i>
Compartment	
Duration	
Test	NOEC
Result	0,1-1 mg/L
Other information	

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
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Test method	
Species	Fish, <i>Leuciscus idus</i>
Compartment	
Duration	
Test	NOEC
Result	1-10 mg/L
Other information	
Product/substance	1-Heptanol, 2-propyl-, 8EO
Test method	
Species	Fish, <i>Oncorhynchus mykiss</i>
Compartment	
Duration	96 hours
Test	LC50
Result	10-100 mg/L
Other information	
Product/substance	1-Heptanol, 2-propyl-, 8EO
Test method	
Species	Daphnia, <i>Daphnia magna</i>
Compartment	
Duration	48 hours
Test	EC50
Result	10-100 mg/L
Other information	
Product/substance	1-Heptanol, 2-propyl-, 8EO
Test method	
Species	Algae, <i>Scenedesmus subspicatus</i>
Compartment	
Duration	72 hours
Test	EC50
Result	10-100 mg/L
Other information	
Product/substance	(R)-p-mentha-1,8-diene
Test method	
Species	Fish
Compartment	
Duration	96 hours
Test	LC50
Result	0.8 mg/L
Other information	
Product/substance	(R)-p-mentha-1,8-diene
Test method	
Species	Daphnia
Compartment	
Duration	48 hours
Test	EC50
Result	69.6 mg/L
Other information	

Product/substance	1,2-benzisothiazol-3(2H)-one
Test method	
Species	Daphnia, Daphnia magna
Compartment	
Duration	48 hours
Test	EC50
Result	2.44 mg/L
Other information	

Product/substance	1,2-benzisothiazol-3(2H)-one
Test method	
Species	Fish
Compartment	
Duration	96 hours
Test	LC50
Result	0.74 mg/L
Other information	

12.2. Persistence and degradability

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Biodegradable	Yes
Test method	
Result	

Product/substance	1-Heptanol, 2-propyl-, 8EO
Biodegradable	Yes
Test method	OECD 301 D
Result	

Product/substance	(R)-p-mentha-1,8-diene
Biodegradable	No
Test method	
Result	

12.3. Bioaccumulative potential

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method	
Potential bioaccumulation	No
LogPow	No data available
BCF	No data available
Other information	

Product/substance	1-Heptanol, 2-propyl-, 8EO
Test method	
Potential bioaccumulation	No
LogPow	No data available
BCF	No data available
Other information	

Product/substance	(R)-p-mentha-1,8-diene
Test method	
Potential bioaccumulation	Yes
LogPow	5.3000
BCF	No data available
Other information	
Product/substance	1,2-benzisothiazol-3(2H)-one
Test method	
Potential bioaccumulation	No
LogPow	1.4
BCF	No data available
Other information	
12.4. Mobility in soil	
No data available	
12.5. Results of PBT and vPvB assessment	
This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.	
12.6. Endocrine disrupting properties	
No special	
12.7. Other adverse effects	
This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.	
This product contains substances, which may cause adverse long-term effects to the aquatic environment.	

SECTION 13: Disposal considerations

13.1. Waste treatment methods	
Product is covered by the regulations on hazardous waste.	
HP 4 - Irritant (skin irritation and eye damage)	
Regulation (EU) No 1357/2014 of 18 December 2014 on waste.	
EWC code	
07 06 04* Other organic solvents, washing liquids and mother liquors	
Specific labelling	
Not applicable	
Contaminated packing	
Packaging containing residues of the product must be disposed of similarly to the product.	

SECTION 14: Transport information

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-
* Packing group						
** Environmental hazards						
Additional information						
Not dangerous goods according to ADR, IATA and IMDG.						
14.6. Special precautions for user						
Not applicable						

14.7. Maritime transport in bulk according to IMO instruments

No data available

SECTION 15: Regulatory information

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

Restrictions for application

No special

Demands for specific education

No specific requirements

SEVESO - Categories / dangerous substances

Not applicable

Additional information

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Sources

Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents. Waste regulation (2020:614)

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment

No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

H226, Flammable liquid and vapour.

H302, Harmful if swallowed.

H304, May be fatal if swallowed and enters airways.

H315, Causes skin irritation.

H317, May cause an allergic skin reaction.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H400, Very toxic to aquatic life.

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

H412, Harmful to aquatic life with long lasting effects.

Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CE = Conformité Européenne

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

CSA = Chemical Safety Assessment

CSR = Chemical Safety Report

DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level

EINECS = European Inventory of Existing Commercial chemical Substances

ES = Exposure Scenario

EUH statement = CLP-specific Hazard statement

EWC = European Waste Catalogue

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IARC = International Agency for Research on Cancer (IARC)

IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RRN = REACH Registration Number
SCL = A specific concentration limit
SVHC = Substances of Very High Concern
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TWA = Time weighted average
UN = United Nations
UVBC = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

Additional information

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).

The safety data sheet is validated by

ÅM

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: SE-en