

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Date of issue: 3/11/2015 - Revision date: 2/11/2019 - Supersedes: 4/13/2017 Version: 3.0

Product Name : KLINPERL



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

1.1. Product identifier

Product form : Mixture

Product name : KLINPERL

Product description : Wax shampoo for hull and deck

Type of product : Detergent

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

1.2.1. Relevant identified uses

Intended for general public

Main use category : Professional use, Consumer use

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Registered company name : MATT CHEM SAS

Address : 37, rue de Fontenay (92) Bagneux FRANCE

Telephone : +33 (0)1 42 53 73 73 - Fax : +33 (0)1 47 35 27 28

E-mail : info@mattchem.fr

1.4. Emergency telephone number

Emergency number : ORFILA - +33 (0)1 45 42 59 59

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Serious eye damage/eye irritation, Category 1 H318

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

Causes serious eye damage.

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS05

Signal word (CLP) :

Danger

Hazardous ingredients :

Isotridecanol, ethoxylated; Alcohols, C12-14, ethoxylated, sulfates, sodium salts; benzenesulfonic acid, C10-alkyl derivatives 13 compound with triethanolamine

Hazard statements (CLP) :

H318 - Causes serious eye damage.

Precautionary statements (CLP) :

P280 - Wear protective gloves, protective clothing, eye protection, face protection.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a POISON CENTER, a doctor.

EUH-statements :

EUH208 - Contains 1,2-Benzisothiazol-3(2H)-one(2634-33-5), Benzyl salicylate(118-58-1).

May produce an allergic reaction.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	(CAS-No.) 68891-38-3 (EC-No.) 500-234-8 (REACH-no) 01-2119488639-16	5 - 10	Skin Irrit. 2, H315 Eye Dam. 1, H318

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			Aquatic Chronic 3, H412
Isotridecanol, ethoxylated	(CAS-No.) 69011-36-5 (EC-No.) 500-241-6	1 - 3	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
benzenesulfonic acid, C10-alkyl derivatives 13 compound with triethanolamine	(CAS-No.) 121617-08-1 (EC-No.) 939-464-2 (REACH-no) 01-2119971970-28	1 - 3	Eye Dam. 1, H318 Skin Irrit. 2, H315
Benzyl salicylate	(CAS-No.) 118-58-1 (EC-No.) 204-262-9	< 0.25	Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 3, H412
1,2-Benzisothiazol-3(2H)-one	(CAS-No.) 2634-33-5 (EC-No.) 220-120-9 (EC Index-No.) 613-088-00-6 (REACH-no) 01-2120761540-60	<0.006	Acute Tox. 4 (Oral), H302 Acute Tox. 2 (Inhalation), H330 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 2, H411

Specific concentration limits:

Name	Product identifier	Specific concentration limits
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	(CAS-No.) 68891-38-3 (EC-No.) 500-234-8 (REACH-no) 01-2119488639-16	(5 =<C < 10) Eye Irrit. 2, H319 (10 =<C < 100) Eye Dam. 1, H318
1,2-Benzisothiazol-3(2H)-one	(CAS-No.) 2634-33-5 (EC-No.) 220-120-9 (EC Index-No.) 613-088-00-6 (REACH-no) 01-2120761540-60	(0.05 =<C < 100) Skin Sens. 1, H317

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash skin with plenty of water.

First-aid measures after eye contact : Rinse eyes with water as a precaution. Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Call a physician immediately.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after eye contact : Serious damage to eyes.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Firefighting instructions : Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Prevent fire fighting water from entering the environment.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

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Methods for cleaning up : Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke when using this product.

Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in original container. Protect from freezing. Protect from sunlight. Store in a wellventilated place. Keep cool.

Incompatible products : Strong acids. Oxidizing agent. Strong bases.

Incompatible materials : Sources of ignition. Direct sunlight.

Storage temperature : > 5 °C

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Hand protection:

Protective gloves. EN 374

Eye protection:

Safety glasses. EN 166

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s):



Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state :	Liquid
Colour :	Yellow.
Odour :	No data available
Odour threshold :	No data available
pH :	8
Relative evaporation rate (butylacetate=1) :	No data available
Melting point :	Not applicable
Freezing point :	No data available
Boiling point :	No data available
Flash point :	> 60 °C
Auto-ignition temperature :	No data available
Decomposition temperature :	No data available
Flammability (solid, gas) :	Not applicable
Vapour pressure :	No data available
Relative vapour density at 20 °C :	No data available
Relative density :	1 +/-0.03
Solubility :	In water, material soluble.
Log Pow :	No data available
Viscosity, kinematic :	No data available
Viscosity, dynamic :	No data available
Explosive properties :	No data available

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Oxidising properties : No data available

Explosive limits : No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7). Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Oxidizing agent. Strong bases.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

1,2-Benzisothiazol-3(2H)-one (2634-33-5)

LD50 oral 1020 mg/kg bodyweight

LD50 dermal 4115 mg/kg bodyweight

LC50 inhalation rat (Dust/Mist - mg/l/4h) 100 mg/l

Alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3)

LD50 oral rat > 2000 mg/kg

LD50 oral 4100 mg/kg bodyweight

LD50 dermal rat > 2000 mg/kg

LD50 dermal > 2000 mg/kg bodyweight

benzenesulfonic acid, C10-alkyl derivatives 13 compound with triethanolamine (121617-08-1)

LD50 oral rat > 2000 mg/kg

LD50 dermal rat > 2000 mg/kg

Benzyl salicylate (118-58-1)

LD50 oral 2200 mg/kg

Skin corrosion/irritation : Not classified

pH: 8

Serious eye damage/irritation : Causes serious eye damage.

pH: 8

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Acute aquatic toxicity : Not classified

Chronic aquatic toxicity : Not classified

1,2-Benzisothiazol-3(2H)-one (2634-33-5)

LC50 fish 1 2.18 mg/l

EC50 other aquatic organisms 1 2.94 mg/l waterflea

EC50 other aquatic organisms 2 0.11 mg/l

Alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3)

LC50 fish 1 > 1 mg/l

LC50 fish 2 7.1 mg/l Brachydanio rerio

EC50 Daphnia 1 7.7 mg/l Daphnia magna

EC50 other aquatic organisms 1 > 1 mg/l waterflea

EC50 other aquatic organisms 2 > 10 mg/l

EC50 72h algae (1) 12 mg/l Scenedesmus subspicatus

NOEC chronic fish > 0.1 mg/l

NOEC chronic crustacea 0.27 mg/l Daphnia magna

NOEC chronic algae 0.93 mg/l

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benzenesulfonic acid, C10-alkyl derivatives 13 compound with triethanolamine (121617-08-1)

LC50 fish 1 > 1 - 10 mg/l

EC50 Daphnia 1 > 10 - 100 mg/l

EC50 72h algae (1) > 10 - 100 mg/l

12.2. Persistence and degradability

Alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3)

Biodegradation > 60 % OCDE301 14 days

benzenesulfonic acid, C10-alkyl derivatives 13 compound with triethanolamine (121617-08-1)

Biodegradation > 60 % OCDE 301B

Isotridecanol, ethoxylated (69011-36-5)

Biodegradation > 60 %

12.3. Bioaccumulative potential

1,2-Benzisothiazol-3(2H)-one (2634-33-5)

Log Pow 0.7

Alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3)

Log Pow 0.3

benzenesulfonic acid, C10-alkyl derivatives 13 compound with triethanolamine (121617-08-1)

Bioconcentration factor (BCF REACH) 500

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

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

14.1. UN number

UN-No. (ADR) : Not applicable

UN-No. (IMDG) : Not applicable

UN-No. (IATA) : Not applicable

UN-No. (ADN) : Not applicable

UN-No. (RID) : Not applicable

14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable

Proper Shipping Name (IMDG) : Not applicable

Proper Shipping Name (IATA) : Not applicable

Proper Shipping Name (ADN) : Not applicable

Proper Shipping Name (RID) : Not applicable

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : Not applicable

IATA

Transport hazard class(es) (IATA) : Not applicable

ADN

Transport hazard class(es) (ADN) : Not applicable

RID

Transport hazard class(es) (RID) : Not applicable

14.4. Packing group

Packing group (ADR) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

Packing group (ADN) : Not applicable

Packing group (RID) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

14.6. Special precautions for user

Overland transport

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No data available

Transport by sea

No data available

Air transport

No data available

Inland waterway transport

No data available

Rail transport

No data available

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3(c) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1	Benzyl salicylate
3(b) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10	Isotridecanol, ethoxylated - benzenesulfonic acid, C10-alkyl derivatives 13 compound with triethanolamine – Benzyl Salicylate
3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008	benzenesulfonic acid, C10-alkyl derivatives 13 compound with triethanolamine - Benzyl salicylate

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012

concerning the export and import of hazardous chemicals.

Substance(s) are not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic

pollutants and amending Directive 79/117/EEC.

Allergenic fragrances > 0,01%: BENZYL SALICYLATE

Detergent Regulation : Labelling of contents:

Component %

anionic surfactants 5-15%

non-ionic surfactants <5%

METHYLISOTHIAZOLINONE

BENZISOTHIAZOLINONE

perfumes

BENZYL SALICYLATE

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Full text of H- and EUH-statements:

Acute Tox. 2 (Inhalation) Acute toxicity (inhal.), Category 2

Acute Tox. 4 (Oral) Acute toxicity (oral), Category 4

Aquatic Acute 1 Hazardous to the aquatic environment — Acute Hazard, Category 1

Aquatic Chronic 2 Hazardous to the aquatic environment — Chronic Hazard, Category 2

Aquatic Chronic 3 Hazardous to the aquatic environment — Chronic Hazard, Category 3

Eye Dam. 1 Serious eye damage/eye irritation, Category 1

Eye Irrit. 2 Serious eye damage/eye irritation, Category 2

Skin Irrit. 2 Skin corrosion/irritation, Category 2

Skin Sens. 1 Skin sensitisation, Category 1

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

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H330 Fatal if inhaled.

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

EUH208 Contains 1,2-Benzisothiazol-3(2H)-one(2634-33-5), Benzyl salicylate(118-58-1). May produce an allergic reaction.

SDS EU (REACH Annex II)

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