

Safety Data Sheet

KYLMA PURE

Safety Data Sheet dated 16/10/2018, version 1

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

1.1 Product identifier

Designation of mixture:

Trade name: **KYLMA PURE**

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

Recommended use:

Oenological product

1.3. Details of the supplier of the safety data sheet

Supplier:

SOFRALAB

79 AV. A.A. Thévenet – CS 11031

51530 MAGENTA - FRANCE

Tel . 00 33 (0)3 26 51 29 30 - Fax 00 33 (0)3 26 51 87 60

Person responsible for the safety data sheet:

lcq@sofralab.com

1.4. Emergency telephone number

Telephone number of the company and/or an official emergency consultation body:

ORFILA 00 33 (0)1 45 42 59 59

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Requirements Regulation (EC) 1272/2008 (CLP)

The product is not considered hazardous in accordance with EC Regulation 1272/2008 (CLP).

Harmful physical and chemical effects on human health and the environment:

No other hazards

2.2 Label elements

The product is not considered hazardous in accordance with EC Regulation 1272/2008 (CLP).

Hazard pictograms:

None.

Hazard statements:

None.

Precautionary statements:

None.

Special provisions:

None.

Specific provisions in accordance with Annex XVII of REACH and its successive amendments:

None.

2.3 Other hazards

vPvB substances: None: PBT substances: None

Other hazards:

No other hazards


SECTION 3: Composition/information on ingredients

3.1. Substances

N.A.


3.2 Mixtures

Hazardous components according to CLP Regulation and related classification

0.5%	POTASSIUM	CAS:	7773-03-7	 3.3/2 Eye Irrit. 2 H319
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	BISULFITE	EC	231-870-1	 3.8/3 STOT SE 3 H335 EUH031
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The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).
POTASSIUM POLYASPARTATE

SECTION 4: First aid measures:

4.1. Description of first aid measures

Following skin contact:

Wash thoroughly with soap and water.

Following eye contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Following ingestion:

Induce vomiting IMMEDIATELY CONSULT A DOCTOR and show him/her the safety data sheet.

Following inhalation:

Take the victim outside and keep them warm and at rest.

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

None

4.3 Indication of any immediate medical attention and special treatment needed

Treatment:

None

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Water

Carbon dioxide (CO₂)

Extinguishing media that should not be used for safety reasons:

None in particular.

5.2. Special hazards arising from the substance or mixture

Do not inhale gases produced by explosion and combustion.

5.3 Advice for firefighters

Use suitable breathing apparatus.

Collect contaminated water used to extinguish the fire separately. Do not discharge it into the wastewater system.

If it is safe to do so, move undamaged containers from the immediate danger zone.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protective equipment.

Take people to a safe place.

See protective measures laid out in sections 7 and 8.

6.2. Environmental precautions

Prevent from entering soil/subsoil. Prevent from flowing into surface water or into the wastewater network.

Retain contaminated wash water and dispose of it.

In the event of gas leakage or release into watercourses, soil or water disposal systems, inform the competent authorities.

Material suitable for collection: absorbent and organic material, sand.

6.3. Methods and material for containment and cleaning up

Wash with plenty of water.

6.4. Reference to other sections

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See also sections 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes, and inhalation of fumes and mists.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

7.2 Conditions for safe storage, including any incompatibilities

Keep away from food, beverages and animal feed.

Incompatible materials:

None in particular.

Instructions for premises:

Properly ventilated premises.

7.3. Specific end use(s)

No particular use

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No occupational exposure limits available

DNEL exposure limit values

N.A.

PNEC exposure limit values

N.A.

8.2. Exposure controls

Eye protection:

Not required for normal use. In all cases, comply with best working practices.

Skin protection:

Adoption of special precautions is not required for normal use.

Hand protection:

Not required for normal use.

Respiratory protection

Not required for normal use.

Thermal hazards:

None

Environmental exposure controls:

None

Appropriate engineering controls:

None

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance and colour: **Liquid**

Odour: **Characteristic**

Odour threshold: N.A.

pH: N.A.

Melting point / freezing point: N.A.

Initial boiling point / boiling range: N.A.

Flammability (solid, gas): N.A.

Upper/lower flammability or explosive limits: N.A.

Vapour density: N.A.

Flash point: N.A.

Evaporation rate: N.A.

Vapour pressure: N.A.

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Relative density:	N.A.
Water solubility:	100%
Solubility in oil:	N.A.
Partition coefficient (n-octanol/water)	N.A.
Auto-ignition temperature:	N.A.
Decomposition temperature:	N.A.
Viscosity:	N.A.
Explosive properties:	N.A.
Oxidising properties:	N.A.
9.2. Other information	
Miscibility:	N.A.
Lipid solubility:	N.A.
Conductivity	N.A.
Characteristic properties of groups of substances	N.A.

SECTION 10: Stability and reactivity

- 10.1 Reactivity
 - Stable under normal conditions
- 10.2 Chemical stability
 - Stable under normal conditions
- 10.3 Possibility of hazardous reactions
 - None
- 10.4 Conditions to avoid
 - Stable under normal conditions
- 10.5 Incompatible materials:
 - None in particular.
- 10.6 Hazardous decomposition products
 - None.

SECTION 11: Toxicological information

- 11.1 Information on toxicological effects
 - Toxicological information concerning the substance:
 - KYLMA PURE
 - Toxicological information concerning principal substances present in the mixture:
 - POTASSIUM POLYASPARTATE
 - a) acute toxicity:
 - Not classified
 - Based on available data, the classification criteria are not met.
 - (b) skin corrosion/irritation;
 - Not classified
 - Based on available data, the classification criteria are not met.
 - c) serious eye damage/eye irritation:
 - Not classified
 - Based on available data, the classification criteria are not met.
 - (d) sensitisation to the respiratory tract / skin;
 - Not classified
 - Based on available data, the classification criteria are not met.
 - e) germ cell mutagenicity;
 - Not classified
 - Based on available data, the classification criteria are not met.
 - (f) carcinogenicity;
 - Not classified
 - Based on available data, the classification criteria are not met.
 - (g) reproductive toxicity;

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Not classified

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

h) specific target organ toxicity - single exposure;

Not classified

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

i) specific target organ toxicity - repeated exposure;

Not classified

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

(j) aspiration hazard.

Not classified

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

Toxicological information concerning the principal substances in the product:

NA

SECTION 12: Ecological information

12.1 Toxicity

POTASSIUM POLYASPARTATE

Use the product rationally and avoid releasing it into the environment.

Not classified for environmental hazards

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

12.2. Persistence and degradability

N.A.

12.3. Bioaccumulative potential

N.A.

12.4 Mobility in soil

N.A.

12.5. Results of PBT and vPvB assessment

vPvB substances: None: PBT substances: None

12.6 Other adverse effects

None

SECTION 13: Disposal Considerations

13.1. Waste treatment methods

Recover if possible. Operate in accordance with local and national regulations in force.

SECTION 14: Transport information

14.1 UN number

Product not dangerous according to transport regulations.

14.2. UN proper shipping name

N.A.

14.3. Transport hazard class(es)

N.A.

14.4 Packing group

N.A.

14.5 Environmental hazards

14.6. Special precautions for user

N.A.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

N.A.

SECTION 15: Regulatory information

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

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Directive 98/24/EC (Risks arising from chemical agents at work)
Directive 98/24/EC (Risks arising from chemical agents at work)
Directive 2000/39/EC (Occupational exposure limits)
Regulation (EC) No 1907/2006 (REACH)
Regulation (EC) No 1272/2008 (CLP)
Regulation (EC) No 790/2009 (ATP 1 CLP) and (EU) No 758/2013
Regulation (EU) 2015/830
Regulation (EU) No. 286/2011 (ATP 2 CLP)
Regulation (EU) No. 618/2012 (ATP 3 CLP)
Regulation (EU) No. 487/2013 (ATP 4 CLP)
Regulation (EU) No. 944/2013 (ATP 5 CLP)
Regulation (EU) No. 605/2014 (ATP 6 CLP)
Regulation (EU) No. 2015/1221 (ATP 7 CLP)
Regulation (EU) No. 2016/918 (ATP 8 CLP)
Regulation (EU) No. 2016/1179 (ATP 9 CLP)

Restrictions related to the product or substances contained in accordance with Annex XVII of Regulation (EC) 1907/2006 (REACH) and its successive amendments:

Product-related restrictions:

No restrictions.

Restrictions related to contained substances:

No restrictions.

Refer to the following standards where applicable:

Directive 2012/18/EU (Seveso III)

Regulation (EC) No 648/2004 (detergents).

Directive 1999/13/EC (VOC Directive)

Directive 2004/42/EC (VOC Directive)

Provisions relating to EU Directive 2012/18 (Seveso III):

Seveso III category in accordance with Annex 1, Part 1

None

15.2. Chemical safety assessment

No chemical safety assessment has been carried out for the substance

SECTION 16: Other information

This document has been prepared by a competent person who has been properly trained.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre,
Commission of the European Community

SAX'S DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eighth Edition - Van
Nostrand Reinold

The information contained herein is based on our knowledge as of the date indicated above. They refer only to the indicated product and do not constitute a guarantee of a particular quality.

The user must ensure the conformity and completeness of this information with regard to the specific use to which it is to be put.

This sheet cancels and replaces any previous edition.

ADR: European Agreement concerning the International Carriage of
Dangerous Goods by Road.

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

CLP: Classification, Labelling, Packaging.

DNEL: Derived no-effect level.

EINECS: European Inventory of Existing Commercial Chemical Substances.

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GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labelling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Regulations for the transport of dangerous goods - International Air Transport Association (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical instructions for the safe transport of dangerous goods by air - International Civil Aviation Organization (ICAO)
IMDG:	International Maritime Dangerous Goods Code.
INCI:	International Nomenclature of Cosmetic Ingredients.
Kst:	Explosion index.
LC50:	Lethal concentration for 50 percent of the population tested.
LD50:	Lethal dose for 50 percent of the population tested.
LTE:	Long-term exposure.
PNEC:	Predicted no-effect concentration.
RID:	Regulation concerning the International Carriage of Dangerous Goods by Rail.
STEL:	Short-term exposure limit.
STOT:	Specific target organ toxicity.
TLV:	Threshold limit value.
TWATLV:	Time-weighted average threshold limit value for exposure of 8 hours per day. (ACGIH Standard)
WGK:	German water hazard class.