



MATERIAL SAFETY DATA SHEET

According to the European Directive 2001/ 58/ EC

Product name: **ACTIPERLE**

Version n°01 of 10/03/2009

1 - Product and company identification

Product name: **ACTIPERLE**

Product use: product used in enology

Supplier: SOFRALAB

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

2 - Composition/ Information on ingredients

Diammonium phosphate or diammonium hydrogen orthophosphate or secondary ammonium phosphate or ammonium dibasic phosphate.

CAS N ° 7783 - 28 - 0

Thiamine hydrochloride

CAS N° 59-43-8

3 - Hazards identification

Inhalation : dust may cause respiratory tract irritation.

Skin contact : Prolonged contact with skin may cause irritation. Low toxicity.

Eye contact : Irritating but does not injure eye tissue.

Ingestion : Minimal toxicity. Irritating to oesophagus and stomach. Abdominal pain.

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4 – First aid measures

In case of inhalation : Remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician immediately.

In case of ingestion : No specific first aid measures are required. Consult a physician if large quantities have been ingested.

In case of eye contact : Wash immediately and abundantly with running water for at least 15 minutes. Consult a physician.

In case of skin contact : Wash immediately with copious amount of water and soap. Remove contaminated clothing and shoes and wash before re-use.

5 - Fire fighting measures

Flammability:

Recommended extinguishing agents : All fire-fighting measures can be used.

Fire-fighting agent to avoid : None.

Specific hazards : When heated to decomposition, product emits toxic fumes of ammonia and phosphorus oxide.

Protective equipment : Fire-fighters should wear self-contained breathing apparatus and full protective clothing.

6 - Applicable measures in case of accidental spill

Individual precautions : Wear full protective clothing including boots, gloves and rubber apron, as well as a self-breathing apparatus.

Always wear eye protection.

Keep unnecessary people away.

Measures for environmental protection: Do not release into sewers, storm drains, surface and ground waters.

Cleaning measures : Sweep and place in suitable, clean and dry containers. Close the containers. Move containers from spill area. Wash with water.

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7 - Handling and storage

Handling: Avoid breathing dust. Avoid contact with eyes, skin or clothing. Wash carefully after handling. Remove contaminated clothing and wash before re-use. Emptied container retains product residue and vapour. Always obey hazard warnings and handle empty containers as if they were full.

Storage: Store in a cool, dry and well-ventilated area, away from incompatible materials. Keep bags dry at all times.

8 - Exposure control/Personal protection

Respiratory protection:



If dust is generated during utilisation, use an approved respiratory protection according to the level of dust produced. Suitable respiratory protection can be a full-face mask or half-mask respirator with a dust cartridge filter, a self-contained breathing apparatus (positive pressure respirator) or an air-line respirator.

Eye protection:



Wear chemical goggles or a full-face mask.

Hand protection:



Wear rubber gloves.

Skin protection:



Wear protective clothing with rubber boots.

Other protection measures:

An eye wash and an emergency shower station shall be provided and available.

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9 - Physical and chemical properties

Appearance:	Anhydrous white crystals
Odour:	None
pH:	8
Boiling point:	Not applicable
Melting point:	Starts breaking down at 100 °C
Flash point:	Non-flammable
Flammability:	Non-flammable
Autoignition:	Non-flammable
Danger of explosion:	Non-flammable
Oxidizing properties:	None
Vapour pressure:	Not applicable
Bulk density	: 1619 kg/kg
Water solubility (20 °C)	: 690 g/l

10 - Stability and reactivity

Chemical stability	: stable
Conditions to avoid	: humidity
Substances to avoid	: magnesium, strong acids and bases
Hazardous decomposition products	: toxic fumes of ammonia and phosphorus oxide

11 - Toxicological information

Eye contact	: dust may cause irritation
Skin contact	: irritation after prolonged contact only
Ingestion	: no known effects
Inhalation	: irritating to mucous membranes
Carcinogenic effects	: none identified
Mutagenic effects	: none identified
Chronic effects	: none identified

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12 – Ecological information

Environmental effects : phosphate may lead to algal bloom and cause water quality degradation.

Aquatic toxicity : LC50 Minnow 155 ppm/96 hr

13 - Disposal considerations

Disposal methods: dispose of contaminated product and cleaning materials according to applicable requirements.

Consult national, regional and local governmental requirements before disposal.

Contaminated packaging: empty containers, which may retain residues, gases and vapours have to be appropriately dispose of as previously mentioned.

14 - Transport information

Product not classified as dangerous good by transport regulations.

15 - Regulatory information

The product is classified as not dangerous following modified directive 1999/45/EC.

16 - Other information

« This data sheet completes the technical notices of utilization but does not replace them. The information provided is based on our current knowledge of the product at the time of publication. They are given in good faith. Moreover, the user's attention should be drawn to the possible risks incurred if the product were used for other purposes than those for which it has been designed.

In any case, the data sheet does not release the user from knowing and applying all regulations related to his/her activity. He/she will be solely responsible for taking the necessary precautions related to the use of the product. »