

MATERIAL SAFETY DATA SHEET

R. (CE) n° 1272/2008 amending
Annex II directive (CE) 1907- 2006

POTASSIUM METABISULPHITE OENOSTERYL EFFERVESCENT 2, 5, 10 g - SUPRAROM - NUTROTANIN STERILYL - REDOXY Plus

Date: 16/12/2014

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Ind.Rev.: 9

1 - IDENTIFICATION

- 1.1 Product name:** POTASSIUM METABISULPHITE - OENOSTERYL EFFERVESCENT 2,5,10 g tablets - SUPRAROM – NUTROTANIN –STERILYL – REDOXY PLUS
- 1.2 Use of the substance:** Preservative used for the sulfur dioxide brought
- 1.3 Supplier:** LAFFORT ŒNOLOGIE – CS61611 - 33 072 BORDEAUX CEDEX
Tel: + 33.(0)5.56.86.53.04 Fax: + 33.(0)5.56.86.30.50
In Australia, imported by Laffort Australia
23 Burwood Avenue, Woodville North, 5012, South Australia, Australia
Phone: 08 8360 2200 & Fax: 08 8360 2222
- 1.4 Emergency phone :** Check with your local hospital (anti-poison department).

2 - HAZARD IDENTIFICATION.

Most important risks for man and his environment:



Danger symbol:

Risk sentences:

H318: Cause serious eye irritation.
H335: May cause respiratory irritation.
EUH031: Contact with acid liberates toxic gas.

Instruction sentences:

P261: Avoid breathing dust/fume/gas/mist/vapour/spray.
P271: Use only outdoors or in well-ventilated area.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
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 or doctor/physician.
P312 : Call a POISON CENTER or doctor/physician if you feel unwell

3 - COMPOSITION/INFORMATION ON INGREDIENTS.

Nature of the product: substance (potassium metabisulphite) and preparation (for other products)

CAS n°: 16731-55-8

EINECS n°: 240-795-3

Formula: $K_2S_2O_5$

Concentration: Potassium metabisulphite, powder and crystals: 100%, redoxyl +: > 30%; other products: > 50%

4 - FIRST AID MEASURES.

Eyes: Rinse with water, eyelid opened during 15 minutes minimum
P305 + P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Inhalation: Move to fresh air. Call a physician
P304: If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Product: POTASSIUM METABISULPHITE - OENOSTERYL EFFERVESCENT 2,5,10 g tablets - SUPRAROM
NUTROTANIN – STERILYL – REDOXY PLUS

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Skin: Remove contaminated clothes rapidly. Rinse abundantly with water.

Ingestion: Rinse carefully the mouth and the throat with water. Drink water.

5 - FIRE FIGHTING MEASURES.

Non flammable product

Fire and explosion protection: In case of close fire some SO₂ gas can emanate. In case of fire use autonomous respiratory equipment

Extinguishing media: Water

Regular operations: The contaminated water used to extinguish the fire has to be evacuated according the current local regulation.

6 - ACCIDENTAL RELEASE MEASURES

Health precautions: Provide an appropriate aeration. Avoid the formation of powder.

Environmental precautions: Avoid that the product reaches the drain.

Cleaning procedures: In case of light lost, wash with water and treat the contaminated water (oxidations with oxygen peroxide and neutralise with caustic). In case of large quantity, remove mechanically.

7 - HANDLING AND STORAGE

HANDLING:

Technical measures: Avoid the formation of powder.

Advice for use: Ventilate the room while using.

P261: Avoid breathing dust/fume/gas/mist/vapour/spray.

P271: Use only outdoors or in well-ventilated area.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

STORAGE:

Temperature: In a dry, cool and aerated room at room temperature.

Packing material: Keep into the original packaging. Do not store close to oxidants, acids or products able to release acids.

8 - EXPOSURE CONTROL / PERSONAL PROTECTION.

Eyes protection: Security glasses with side protections or equivalent.

Inhalation protection: Respiratory mask with a sulphur dioxide filter (DIN EN 143).

Skin protection: Impermeable gloves (UNI EN 420/UNI EN 374), boots and apron.

General protection: wash regularly hands and face.

9 - PHYSICAL AND CHEMICAL PROPERTIES

Aspect: Powder, crystals.

Color: White

Other characteristics: Light odor (sulphurous anhydride)

pH (in a 200g/l solution): 3,5-4,5

Specific weight: 1200g/dm³

Solubility: 335 g/l H₂O at 20°C

Check the technical data sheets for extra information.

10 - STABILITY AND REACTIVITY.

Stability: Hazardous reaction with Nitrites, Nitrates, oxidants acids

Condition and material to avoid: Decomposition of the product starting at 120°C.

Materials to avoid: Acids, oxidants and NaNO₃.

Hazardous decomposition products: Sulphur dioxide

11 - TOXICOLOGICAL INFORMATIONS.

Inhalation: LD50/oral/rat : 2300 mg/kg

Other toxicity data: Can cause skin and respiratory routes sensitiveness to people allergic to sulphur Dioxide

12 - ECOLOGICAL INFORMATIONS.

Inorganic product that cannot be drained off through a regular biological treatment system.

This product in surface water can considerably reduce the amount of oxygen and have a baneful

13 - DISPOSAL CONSIDERATIONS.

Waste disposal methods: Evacuate according to the local regulation, using authorised services and appropriated equipment.

Contaminated packing: Empty as best as you can and evacuate according the material of fabrication.

14 - TRANSPORTINFORMATIONS.

No particular rule

15 - REGULATORY INFORMATIONS.

Classification according to the regulation 1907/2006:

Danger symbol: Xi irritant

Risk sentence: R31 : Contact with acids liberates toxic gas

R41 : Cause serious eye irritation

R36/37 Irritating for eyes and airways

Instruction sentence: S26 In case of contact with eyes, wash immediately and abundantly with water and consult a specialist

Classification according to the regulation R. (CE) 1272/2008:



Danger symbol:

Risk sentences: H318: Cause serious eye irritation.

H335: May cause respiratory irritation.

EUH031: Contact with acid liberates toxic gas.

Instruction sentences:

P261: Avoid breathing dust/fume/gas/mist/vapour/spray.

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16 - OTHER INFORMATIONS.

The information provided in this MSDS are considered to the date of publication as true and correct. Nevertheless the accuracy and the exhaustiveness of this information, as well as the regulations are provided without warranty.

Because Laffort Oenology does not control the conditions of use of the products it is under the responsibility of the users to determine the best use for these products.