

SAFETY DATA SHEET

Regulation (CE) n°1272/2008 amending Regulation (CE) n°1907/2006
SULPHUR RINGS

Date: 21/03/2017

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Ind. Rev.: 5

1 – IDENTIFICATION

- 1.1 Identification of the substance or preparation: SULPHUR RINGS
1.2 Use of the substance/preparation: Preservative used for the sulfur dioxide brought.
1.3 Company/Undertaking identification: LAFFORT - CS61611 - 33 072 BORDEAUX CEDEX - FRANCE
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	<u>In AUSTRALIA</u>	<u>In NEW ZEALAND</u>	<u>In SOUTH AFRICA</u>	<u>In USA</u>
imported by	LAFFORT AUSTRALIA	LAFFORT NEW ZEALAND Ltd	LAFFORT SOUTH AFRICA	LAFFORT USA
Address	23 Burwood Avenue Woodville North South Australia 5012	p.o. box 60-249 4/b greenwoods close Titirangi 1000 auckland	32 Zandwyk park Paarl 7646	1460 Cader Lane Suite C Petaluma CA 94954
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1.4 Emergency telephone: Check with your local hospital (anti-poison department).

2 – HAZARDS IDENTIFICATION

Classification according to the Regulation (CE) N 1272/2008 and amendments:



Danger symbol:

Risk sentences:

H319: Causes serious eye irritation.
EUH401: To avoid risks to human health and the environment, comply with the instructions for use.

Instruction sentences:

P264: Wash ... thoroughly after handling
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.
P337 + P313: If eye irritation persists: Get medical advice/attention

3 – COMPOSITION/INFORMATION ON INGREDIENTS

Nature of the product: Sulphur

Hazardous components :

Nom chimique	N° CE	N° CAS	%	N° REACH	Classification (REG 1272/2008)
Sulfur	231-722-6	7704-34-9	99	01-2119487295-27	Skin irrit. 2 (H315)

4 – FIRST AID MEASURES

General indications: remove quickly the contaminated clothes.

In case of eye contact: Rinse with water immediately and abundantly during 15 minutes by maintaining the eyelids opened. Consult an ophthalmologist.

In case of inhalation: Aerate the room. Remove the patient from the contaminated premises and allow him to rest in a well ventilated area. Blow the nose to evacuate the dust. In case of faintness, consult a doctor.

In case of ingestion: Do not vomit. Rinse the mouth with full water then drink some water. In case of persistent disorders, consult a doctor.

In case of skin contact: Wash with plenty of soap and water. If an irritation develops, consult an ophthalmologist.

5 – FIRE-FIGHTING MEASURES

Non-flammable.

Suitable Extinguishing Media: Water spray, CO₂, foam, chemical powders according to the materials involved in the fire. Do not use a strong stream of water.

Extinguishing media to be avoided: None in particular.

Risks arising from combustion: In case of close fire some SO₂ gas can emanate. In case of combustion of the preparations, can emit toxic smokes. Vapors may ignite / explode in the presence of a source of ignition. Sulfur is a strong reducing agent which can cause explosions in contact with oxidizing agents.

Protective equipment: In case of fire, use protection for the respiratory tract.

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

6 – ACCIDENTAL RELEASE MEASURES

Personal precautions: See § 8 below.

Carefully plan the environment: Prevent the flow of the product in sewers, grounds and natural waters.

Cleaning methods: If the product is in liquid form, stop it from entering the drainage system. In case material released or spilled, vacuum spill. Appropriately absorb any spills with inert material and dispose of properly. Avoid the formation of dust. After picking up the product, rinse the area and materials with water.

7 – HANDLING AND STORAGE

Precaution for handling: Avoid contact and inhalation of dust. See also § 8 below. Do not eat or drink during the work.

Storage conditions: The containers should always be tightly closed. Do not store close to strong oxidants, acids and bases, and direct rays of the sun.

For local indication: Store in original sealed packages, in a cool dry place (off the floor) in an odour-free environment.

8 – EXPOSURE CONTROL/PERSONAL PROTECTION

Precautions: Properly ventilate the premises where the product is stored and / or handled.
Technical measures: use an appropriate ventilation system to keep the quantity of dust under the breathable limit.

Parameters of control :

Sulfur, N° CAS : 7704-34-9

Ineffective predictable Concentration (PNEC):

PNEC oral secondary poisoning): 0.22 mg/l

Respiratory Protection: Wear protective mask (P3 filter – EN143) in case of excessive dusts.

Protection of hands: Use waterproof protective gloves.

Eye protection: Wear safety glasses with lateral protection.

Skin Protection: Wear protective clothes which guarantee a total protection of the skin (ex cotton, PVC, cahoutchouc).

9 – PHYSICAL AND CHEMICAL PROPERTIES

Aspect: solid disc.

Color: yellow

Other characteristics: Light odor (sulphurous anhydride)

Other physico-chemical parameters are not relevant for the safety.
For further information, refer to the data sheet and to the Product sheet.

10 – STABILITY AND REACTIVITY

Chemically stable if stored in a dry and cool place. Avoid humidity.

Substances to avoid: Strong acids, oxidants and bases.

Danger of decomposition: Discharge of hydrogen sulphide, sulfur oxides. Combustion produces toxic gases.

11 – TOXICOLOGICAL INFORMATION

Acute toxicity: Unclassified

Soufre (7704-34-9)

DL50 rat, oral : > 2000 mg/kg

DL50 rat, cutaneous : > 2000 mg/kg

CL50 rat, inhalation : > 5.43mg/l/4h

Skin corrosion/irritation: According to the available experimental studies: not irritating.

Eye damage/irritation: risk of eye damages.

Respiratory /Skin sensitization: irritating for respiratory tracts. An inhalation repeated of dusts can cause a raising awareness of the subject and cause allergic reactions.

CMR (Carcinogenity, germ cell Mutagenicity, Reproductive toxicity): No known effects.

12 – ECOLOGICAL INFORMATION

Ecotoxicity: Sulfur (7704-34-9)

CL50 fish < 14 ppm

CE50 Daphnia > 5000 ppm.

Obstinacy and degradability: Not established.

Potential of bioaccumulation: Not established

Other information: Avoid release into the environment.

13 – DISPOSAL CONSIDERATION

Sweep or vacuum released product. Avoid raising dust.

No required method of special elimination Refer to national government, regional and local regulations before disposal procedure.

14 – TRANSPORT INFORMATION

According to the international rules of transport, this product is not hazardous materials.

Road transports: ADR = not referenced.

Rail transports: RID = not referenced.

River and maritime transports: DNA and IMDG = not referenced.

Air transports: ICAO / IATA = not referenced.

15 – REGULATORY INFORMATION

Particular regulations / legislation in the substance regarding safety, regarding health and regarding environment

Legislation EU:

- Listed as substance or dangerous preparation according to the regulation (CE) n°1272 / 2008 (CLP).
- Product concerned by the regulations on the labeling of hazardous substances.
- No limitations according to the appendix XVII of REACH. Does not contain substance candidate REACH.
- The product is considered not hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Comply with any provision of national law in force.

16 – OTHER INFORMATION

The information given in this safety data sheet is considered to be true and correct at time of publication. However the precision and completeness of this information, including all regulations, are given without warranty.

As usage conditions are beyond our control, it is the user's responsibility to determine safe usage conditions for this product.

« We inform all users of the risks incurred when a product is used for practices other than those for which it is designed. The user must understand and apply the totality of the regulations controlling the activity ».
