

MATERIAL SAFETY DATA SHEET Directive (EEC) 91-155 SULPHUR WICKS AND SANITA TABLETS

Date: 05/04/06

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Ind. Rev.: 0**1 – PRODUCT AND COMPANY IDENTIFICATION**

Composition: 93% sulphur sulphur wicks and SANITA tablets
 Generic name: SULPHUR
 CAS Number: (7704-34-9)
 - Supplier: LAMO THE ABIET - B.P. 75
 33 015 BORDEAUX CEDEX
 Phone: +33 (0)5.57.77.92.92 Fax number: +33 (0)5.56.86.40.02
 - Emergency number: Bordeaux Poison Center: +33 (0)5.56.96.40.80

2 – COMPOSITION/INFORMATION ON COMPONENTS

Composition: 93% sulphur
 Generic name: SULPHUR
 Chemical formula: S₈ (256.48)
 CAS Number: (7704-34-9)
 Chemical group: non metallic element
 Concentration: 96%
 Contains food materials

3 – HAZARDS IDENTIFICATION.

Dangerous health effect...CAN cause eye and skin irritation

4 – FIRST AID MEASURES

- **Precaution: properly ventilate workplace**
 - In case of dizziness, consult a physician (if possible, show him/her the label)
 - In case of unconsciousness, give artificial respiration.
 In case of inhalation: provide fresh air.
 Ingestion: if aspiration is suspected (during vomiting for example), go to hospital immediately.
 In case of skin contact: wash with plenty of water, remove contaminated clothing.
 In case of eye contact: wash with plenty of water. If pain persists, consult an ophthalmologist.

5 – FIRE FIGHTING MEASURES.

5.1 RECOMMENDED EXTINGUISHING AGENT: carbon dioxide, powder, water spray foam (fog)
 Do not use straight stream nozzle
 Specific risks: dust generation can lead to formation of explosive mixtures with air..

Combustion gases are toxic.

In case of extensive fire, wear a respirator with SO₂ cartridge or a self-contained breathing apparatus.

6 – ACCIDENTAL RELEASE MEASURES.

6.1 INDIVIDUAL PRECAUTIONS: AVOID SKIN CONTACT: Wear gloves, goggles and dust masks.

6.2 MEASURES FOR ENVIRONMENTAL PROTECTION: follow local regulations.

7 – HANDLING AND STORAGE:

7.1 HANDLING: No other specifications.

7.2 STORAGE: Store in a dry and well ventilated area. Product incompatible with acids and oxidizing agents (store separately).

8 – EXPOSURE CONTROL/ PERSONAL PROTECTION.

Protection of respiratory system necessary in case of dust formation. Eye protection necessary. Protect skin, remove contaminated clothing and wash hands thoroughly after work.

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Product: sulphur wicks, sanita tablets, and candles

Date : 05/04/2006

9 – PHYSICAL AND CHEMICAL PROPERTIES.

appearance at 20°C: solid

colour: yellow

odour: slight

melting point (°C): 112 - 119

boiling point: 444

bulk density at 20°C (kg/ m³): 2060

vapour pressure: insignificant

water solubility: non soluble

solubility in carbon disulphide

pH in distilled water: not applicable

Flash point ASTM D 93 (°C): 261

Autoignition temperature (°C): 261. This value can be noticeably reduced under specific conditions (slow oxidation in fine powders)

Explosion limits (kg/m³): 35g – 2000g**10 – STABILITY AND REACTIVITY**

10.1 Substances to avoid: strong oxidizing agents

10.2 Hazardous reactions: - decomposition at high temperatures with production of sulfur dioxide (SO₂)
- mixture dust/ air may be flammable or explode.**11 – TOXICOLOGICAL INFORMATION**

LD50 oral (rat): >16000 mg/k

Primary skin irritation: irritant

Primary mucous membrane irritation: irritant

Frequent or prolonged contact may cause sensitization of skin and eyes.

12 – ECOLOGICAL INFORMATION

Do not release products into water without previous treatment in accordance with applicable regulations;

Persistence and degradability: product degrades in soil within days, but does not degrade in water.

13 – DISPOSAL CONSIDERATIONS

Disposal of residues: product residues and rinsing water have to be deposited into 30 cm deep holes located at least 50 m away from water bodies, and then covered with earth. (Decree 25.02.75 art 9). After usage, empty and clean the equipment at the workplace. Do not dispose of residues at roadsides, into ditches or sewers, ponds or water streams, but rather bury them far from springs and wells. After treatment, empty packages should be destroyed and incinerated or buried. Abide to regulation N° 94609 of 13.07.94.

14 – TRANSPORT INFORMATION

RID – ADR: ADR decree of 5 / 12/ 96 – marginal 2401- paragraph B: European regulation “SULPHUR 1350, does not fall under ADR prescriptions – a) when transported in quantities below 400 kg per parcel, or – b) when the product has a specific form (for example, pearls, granules, tablets or flakes)”

Otherwise: class; 4.1

Enumeration: 11 C

Hazard identification number: 40

Substance identification number: 1350

Hazard label: 4.1

15 – REGULATORY INFORMATION

This product falls under European regulations for labelling of chemical products.

Hazard indication: hazard symbol: Xi irritant

Risk phrases: R11: highly flammable

R36/37/38: irritating to eyes, respiratory system and skin.

Safety phrases: S 27/13/49; keep product in original closed container and keep away from food, drink and animal feed.

Keep out of reach of children.

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.

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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.
