

MATERIAL SAFETY DATA SHEET

EU DIRECTIVE N. 1907/2006

GRAPE GUARD SHEET/SULPHUR PAD

1 IDENTIFICATION OF THE SUBSTANCE AND COMPANY

TRADE NAME DECCO GRAPE FRESH / GRAPE GUARD SHEET / SULPHUR PAD

Sulphur pads for grape treatments

PRODUCER

Decco Italia srl
Bivio Aspro Zona Industriale Piano Tavola
95032 Belpasso (Catania), Italy
Phone: 0039-095-7131903
Fax :0039-095-7131886
www.deccoitalia.com
Poison control center: see list par. 16

2 HAZARDS IDENTIFICATION

- R22: Harmful if swallowed
- 51: Contact with acid liberates toxic gas
- R41: Risk of serious damage to eyes
- S26: In case of contact with eyes rinse immediately with plenty of water and seek medical advice
- S39: Wear eye protection and face
- S46: If swallowed, seek medical advice immediately and show label

Emergency Overview

HARMFUL IF SWALLOWED OR INHALED. CAUSES IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT. MAY CAUSE ALLERGIC RESPIRATORY REACTION. REACTS WITH ACIDS AND WATER RELEASING TOXIC SULFUR DIOXIDE GAS.

Potential Health Effects

Inhalation:

Causes irritation to the respiratory tract. Symptoms may include coughing, shortness of breath. May cause allergic reaction in sensitive individuals.

Ingestion: May cause gastric irritation by the liberation of sulfurous acid. An asthmatic reaction may occur after ingestion. Large doses may result in nausea, vomiting, diarrhea, abdominal pains, circulatory disturbance, and central nervous system depression. Estimated fatal dose is 10 gm.

Irritating to Skin : Causes irritation to skin. Symptoms include redness, itching, and pain.

Irritating to Eye : Causes irritation, redness, and pain. Contact may cause irreversible eye damage. Symptoms may include stinging, tearing, redness, swelling, corneal damage and blindness.

Chronic Exposure: No information found.

MATERIAL SAFETY DATA SHEET

EU DIRECTIVE N. 1907/2006

GRAPE GUARD SHEET/SULPHUR PAD**3 COMPOSITION / INFORMATION ON INGREDIENTS**

CAS No.: 7681-57-4 Sodium Metabisulfite, 98%
Inert 2% (MRL Sulphite 10ppm) and Plastic & Paper.

Chemical Formula: Na₂S₂O₅ (sodium metabisulfite)

4 FIRST AID MEASURES

Eye Contact:

Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

Inhalation:

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

5 FIRE-FIGHTING MEASURES

Fire:

In case of fire, use dry chemical powder, CO₂, foam or water

6 ACCIDENTAL RELEASE MEASURES

Pick up and place in a suitable container for disposal & provide clear ventilation to clear sulfur dioxide fumes generated from water contact.

7 HANDLING AND STORAGE

Keep in a tightly closed container. Protect from physical damage. Store in a normal temperature, dry, ventilated area away from sources of moisture

MATERIAL SAFETY DATA SHEET

EU DIRECTIVE N. 1907/2006

GRAPE GUARD SHEET/SULPHUR PAD

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye and Face Protection

Normal and primary health and safety precautions can help to avoid any risk.

Skin protection

Normal and primary health and safety precautions can help to avoid any risk. It is recommended to wear rubber gloves.

Wash hands and skin come in contact with water after handling.

Airborne Exposure Limits:

-ACGIH Threshold Limit Value (TLV):

5mg/m³ (TWA) for sodium bisulfite & for sodium metabisulfite, A4 Not classifiable as a human carcinogen.

Ventilation System:

A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.

Personal Respirators (NIOSH Approved):

If the exposure limit is exceeded, a half-face respirator with an acid gas cartridge may be worn for up to ten times the exposure limit or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. A full-face piece respirator with an acid gas cartridge may be worn up to 50 times the exposure limit, or the maximum use concentration specified by the appropriate regulatory agency, or respirator supplier, whichever is lowest. For emergencies or instances where the exposure levels are not known, use a full-facepiece positive-pressure, air-supplied respirator. **WARNING:** Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

Skin Protection:

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. (neoprene, polyvinyl chloride).

Eye Protection:

Use chemical safety goggles and/or full face shield where dusting or splashing of solutions is possible. Maintain eye wash fountain and quick-drench facilities in work area.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Printed Plastic sheet having Sodium Metabisulphite & inert in Sachet & same chemical is coated at bottom supported with non woven

Odor:

Odourless

Solubility:

Releases So₂ gas when in come in contact with moisture

MATERIAL SAFETY DATA SHEET

EU DIRECTIVE N. 1907/2006

GRAPE GUARD SHEET/SULPHUR PAD**10 STABILITY AND REACTIVITY****Stability:**

The sheet is stable under normal storage & handling condition.

Gradually decomposes in air to sulfate, generating sulfurous acid gas. Contact with moisture, will release sulfur dioxide gas.

Hazardous Decomposition products:

Not known

11 TOXICOLOGICAL INFORMATION

Not known.

12 ECOLOGICAL INFORMATION

Do not dump. Degrades rapidly.

13 DISPOSAL CONSIDERATIONS**Disposal**

The user must dispose of waste in compliance with local requirements in force.

14 PARTICULAR S RELATING TO TRANSPORTATION

RID/ADR Not applicable, product is not dangerous

IMO-IMDG Not applicable, product is not dangerous

ICAO/IATA Not applicable, product is not dangerous

15 PRESCRIPTIONS

R22: Harmful if swallowed

51: Contact with acid liberates toxic gas

R41: Risk of serious damage to eyes

S26: In case of contact with eyes rinse immediately with plenty of water and seek medical advice

S39: Wear eye protection and face

S46: If swallowed, seek medical advice immediately and show label

16 OTHER INFORMATION**Revision information**

Revision Date 01.04.2011

MATERIAL SAFETY DATA SHEET

EU DIRECTIVE N. 1907/2006

GRAPE GUARD SHEET/SULPHUR PAD

Revision No. 1/AA

The producer provides the information container herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only a guide to the appropriate precautionary handling of the material by person using this product. The producer gives no warranty, no representation of fitness for a particular purpose with respect to the information provided therein. The producer will not be responsible for the damages, resulting from use of this information.

LIST of Poison control Centers:

Bologna Ospedale Maggiore - tel. 051/6478955
Catania Ospedale Garibaldi Centro Rianimazione - tel. 095/7594120
Cesena Ospedale Maurizio Bufalini - tel. 0547/352612
Chieti Ospedale Sant.ma Annunziata - tel. 0871/345362
Genova Ospedale Gaslini - 010/3760873
La Spezia Ospedale Civile S. Andrea - tel. 0187/533296
Lecce Ospedale Regionale Vito Fazzi - tel. 0832/351105
Messina Unità degli Studi di Messina Villag. Santissima Annunziata - tel. 090/2212451
Milano Ospedale Niguarda Ca' Grande - tel. 02/66101029
Napoli Ospedali Riuniti Cardarelli - tel. 081/5453333
Padova Istituto di Farmacologia Universitaria - tel. 049/931111
Pordenone Ospedale Civile Centro Rianimazione - tel. 0434/399698
Reggio Calabria Centro Rianimazione Azienda Ospedaliera "Bianchi - Melacrino - Morelli" - tel. 0965/811624
Roma Policlinico Agostino Gemelli - tel. 06/3054343
Torino Università di Torino - tel. 011/6637637
Trieste Istituto per l'Infanzia - tel. 040/3785373

This safety data sheet shall replace all previous versions. The information in this MSDS was obtained from the best or our knowledge is available on the market at the review date indicated. Neither the Company nor the registered holder of this card subsidiaries will accept any complaints arising from improper use of the information contained herein or improper application of the product. Pay particular attention to the use of the preparations because improper use can increase the danger