

Safety Data Sheet

VITAMINA C RICOPERTA / VITAMIN C COATED GRANULES

Safety Data Sheet dated 26/8/2009, version 2

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Trade name: VITAMINA C RICOPERTA / VITAMIN C COATED GRANULES
Trade code: ALAZ0962
Identification of the company:
SINTOFARM SPA
VIA TOGLIATTI 5 - 42016 - GUASTALLA (RE)- ITALY
PHONE +39 522 831321
FAX +39 522 831422
Emergency telephone number of the company and/or of an authorised advisory centre:
SINTOFARM SPA
VIA TOGLIATTI 5 - 42016 GUASTALLA (RE) - ITALY
PHONE +39 522 831321
FAX +39 522 831422
Competent person responsible for the safety data sheet:
Use of the substance /preparation: additive for nutrition
Emergency telephon number: SINTOFARM: ++39-0522-831321
(From 8.30 to 12.30 and from 14.30 to 18.30)
sintofarm@sintofarm.it

2. HAZARDS IDENTIFICATION

At the best of our knowledge, product is not dangerous. Avoid breathing dust. It can cause irritation to eyes and skin. Low hazards for usual industrial handling.
Potential health effect:
Eye: may cause eye irritation
Skin: may cause skin irritation. Low hazard for usual industrial handling.
Ingestion: ingestion of large amounts may cause gastrointestinal irritation. Low hazard for usual industrial handling. Large doses may cause diarrhea and acidification of the urine which may cause stones in the urinary tract.
Inhalation: may cause respiratory tract irritation. Low hazard for usual industrial handling.
Chronic: not found.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components within the meaning of EEC directive 67/548 and corresponding classification:
None.
Vitamin C / L-(+)-ascorbic acid
97.5% minimum
CAS n. 50-81-7
EINECS: 200-066-2
Molecular formulae: C₆H₈O₆
Molecular weight: 176.3

Ethylcellulose
2.5% maximum
CAS n. 9004-65-3

4. FIRST AID MEASURES

Contact with skin:
Wash with plenty of water and soap for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists. Wash clothing before re-use.
Contact with eyes:
Wash immediately with water for at least 10 minutes, occasionally lifting the upper and lower eyelids. If irritation develops, get medical aid.

ALAZ0962/2

Page n. 1 of 4

Safety Data Sheet

VITAMINA C RICOPERTA / VITAMIN C COATED GRANULES

Swallowing:

Do not induce vomiting. Never give nothing by mouth to an unconscious person. SEEK A MEDICAL EXAMINATION IMMEDIATELY and present the safety-data sheet if irritation or symptoms occur.

If conscious and alert, rinse mouth and drink 1/2 glass of water. Wash mouth out with water.

Inhalation:

Ventilate the premises. The patient is to be removed immediately from the contaminated premises and made to rest in a well ventilated area. If breathing is difficult, give oxygen. Should the patient feel unwell, OBTAIN MEDICAL ATTENTION.

Note to physician: treat symptomatically and supportively.

5. FIRE-FIGHTING MEASURES

General information: as in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. This material in sufficient quantity and reduced particle size is capable of creating a duct explosion. Powerful reducing agent.

Autoignition temperature: 660°C

Recommended extinguishers:

Water, CO₂, Foam, Chemical powders, according to the materials involved in the fire.

Extinguishers not to be used:

None in particular.

Risks arising from combustion:

Avoid inhaling the fumes.

Protective equipment:

Use protection for the respiratory tract.

6. ACCIDENTAL RELEASE MEASURES

Measures for personal safety:

Use gloves and protective clothing. Avoid generating dust. Provide ventilation.

Environmental measures:

Limit leakages with earth or sand.

If the product has escaped into a water course, into the drainage system, or has contaminated the ground or vegetation, notify the competent authorities.

Cleaning methods:

If the product is in a liquid form, stop it from entering the drainage system.

Recover the product for re-use if possible, or for elimination. The product might, where appropriate, be absorbed by inert material.

After the product has been recovered, rinse the area and materials involved with water.

7. HANDLING AND STORAGE

Handling precautions:

Avoid contact and inhalation of the vapours. See, too, paragraph 8 below.

Do not eat or drink while working. Wash thoroughly after handling. remove contaminated clothing and wash before reuse. Minimize dust generation and accumulation. Avoid contact with skin, eyes and clothing. Keep container tightly closed. Use with adequate ventilation. Avoid breathing dust.

Storage conditions: store in a cool and dry and well-ventilated place. Take away from incompatible material. Store protected from moisture. Store protected from light.

Instructions as regards storage premises:

Adequately ventilated premises.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Precautionary measures:

ALAZ0962/2

Page n. 2 of 4

Safety Data Sheet

VITAMINA C RICOPERTA / VITAMIN C COATED GRANULES

Give adequate ventilation to the premises where the product is stored and/or handled.

Respiratory protection:

Wear protective mask (P2)

Protection for hands:

Wear protective gloves.

Eye protection:

Wear appropriate protective eyeglasses or chemical safety goggles.

Protection for skin:

Wear appropriate protective gloves to prevent skin exposure.

Exposure limit(s) (ACGIH):

None.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour:	white or almost white granular powder
Odour:	none
pH:	2/3
Melting point:	220°C with decomposition
Boiling point:	N.A.
Flash point:	N.A.
Solid/gas flammability:	N.A.
Explosive properties:	N.A.
Oxidizing properties:	N.A.
Vapour pressure:	N.A.
Relative density:	N.A.
Solubility in water:	slightly soluble in water
Lipid solubility:	slightly soluble in acetone and ethanol
Partition c. (n-octanol/H ₂ O):	N.A.
Vapour density:	N.A.

10. STABILITY AND REACTIVITY

Conditions to avoid:

Stable at room temperature in closed containers under normal storage and handling conditions.

Stable to air when dry; aqueous solutions are rapidly oxidized by air. Avoid light, dust generation, excess heat and moist air.

Substances to avoid:

Avoid oxidizing material.

Hazardous decomposition products: thermal decomposition = CO, CO₂.

11. TOXICOLOGICAL INFORMATION

The concentration of each substance should be borne in mind in assessing the toxicological effects deriving from the preparation.

Set out below is the toxicological information relating to the main substances in the preparation.

The product does not contain toxicologically relevant substances.

Vitamin C

LD₅₀ (oral, mouse) = 3367 mg/Kg

LD₅₀ (oral, rat) = 11900 mg/Kg

Carcinogenicity: not listed by ACGIH, IARC, NTP or CA prop 65.

Epidemiology: no information available.

teratogenicity: no information found.

Reproductive effects: no information available.

Neurotoxicity: no information available.

12. ECOLOGICAL INFORMATION

Adopt good working practices, so that the product is not released into the environment.

Safety Data Sheet

VITAMINA C RICOPERTA / VITAMIN C COATED GRANULES

13. DISPOSAL CONSIDERATIONS

Recover if possible. In so doing, comply with the local and national regulations currently in force. Where applicable, refer to the following regulatory provisions : 91/156/EEC, 91/689/EEC, 94/62/EC and subsequent amendments.

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

Council Directive 67/548/EEC (Classification, packaging and labelling of dangerous substances) and subsequent amendments. Commission Directive 1999/45/CE (Classification, packaging and labelling of dangerous preparation) and subsequent amendments. Commission Directive 2001/58/CE (Safety data sheets). Commission Directive 98/24/CE (Protection of the health and safety of workers from the risk related to chemical agent). Commission Directive 2000/39/CE (Occupational exposure limit values).

The preparation should not be considered as dangerous accordingly to dir. 99/45/EEC.

Where applicable, refer to the following regulatory provisions :
Directive 2003/105/CE ('Activities linked to risks of serious accidents').

16. OTHER INFORMATION

Paragraphs modified from the previous revision:

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING
3. COMPOSITION/INFORMATION ON INGREDIENTS
4. FIRST AID MEASURES
5. FIRE-FIGHTING MEASURES
6. ACCIDENTAL RELEASE MEASURES
7. HANDLING AND STORAGE
8. EXPOSURE CONTROLS / PERSONAL PROTECTION
9. PHYSICAL AND CHEMICAL PROPERTIES
10. STABILITY AND REACTIVITY
11. TOXICOLOGICAL INFORMATION
12. ECOLOGICAL INFORMATION
13. DISPOSAL CONSIDERATIONS
14. TRANSPORT INFORMATION
15. REGULATORY INFORMATION

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

ACGIH - Threshold Limit Values - 2004 edition

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

ERROR: syntaxerror
OFFENDING COMMAND: --nostringval--

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/CreationDate
(Sinto006)
/Author
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