

## Safety Data Sheet

### SpiritoFine CRN

Safety Data Sheet dated: 7/23/2025 - version 1

Date of first edition: 7/23/2025

## 1. Identification

GHS Product identifier

Identification of the substance:

Trade name: SpiritoFine CRN

Chemical name: Active carbon

CAS number: 7440-44-0

EC number: 231-153-3

### Recommended use of the chemical and restrictions on use

Recommended use: FOR PROFESSIONAL USE

Uses advised against: no data available

### Supplier's details

Company:

Enartis S.r.l. Via A. Grandi, 9

28066 Galliate (Novara) Italy

Phone n. +39 0321 1820099

Competent person responsible for the safety data sheet: vino@enartis.it

Importer's details

Australia - ENARTIS PACIFIC PTY

69 Chadstone Rd, Malvern East,

Victoria, 3145 Australia

Ph. +61 (03) 9428 0037

New Zealand - ENARTIS PACIFIC PTY

Suite 14, Level 1, 1 Shakespeare Road,

Napier South 4110 - New Zealand

Ph. +64 (06) 8434 413

### Emergency phone number

Australia: Ph. +61 (03) 9428 0037 New Zealand: Ph. +64 (06) 8434 413

Enartis - Phone n. +39 0321 1820098

Australia Wide 24/7 Poison Information centre: 131126

New Zealand Emergencies National Poisons Centre: 0800 764 766

Other Emergencies: Dial 111 then ask for fire, ambulance or police as required

## 2. Hazard identification

Classification of the Hazardous chemical

The product is not classified as dangerous according to Australia WHS 2012.

Adverse physicochemical, human health and environmental effects:

No other hazards

GHS label elements, including precautionary statements

The product is not classified as dangerous according to Australia WHS 2012.

Other hazards which do not result in a classification

Other Hazards: No other hazards

## 3. Composition/information on ingredients

### Substances

**Hazardous components within the meaning of the "Australian Work Health and Safety (WHS)" regulation and related classification:**

Qty	Name	Ident. Numb.	Classification	Registration Number
100 %	ACTIVE CARBON	CAS:7440-44-0 EC:231-153-3	Not classified as hazardous	01-2119488894-16-XXXX

### Mixtures

no data available

## 4. First-aid measures

### Description of necessary first-aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of persistent skin irritation consult a doctor.

In case of eyes contact:

Wash immediately with water.

In case of Ingestion:

Do not induce vomiting, get medical attention showing the SDS and label hazardous.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

### Symptoms caused by exposure

no data available

### Medical attention and special treatment

no data available

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## 5. Fire-fighting measures

### Suitable extinguishing media

Water.

Carbon dioxide (CO<sub>2</sub>).

Extinguishing media which must not be used for safety reasons:

None in particular.

Specific hazards arising from the chemical

Do not inhale explosion and combustion gases.

Do not inhale explosion and combustion gases.

Hazardous combustion products: no data available

Explosive properties: no data available

Oxidizing properties: no data available

### Special protective equipment and precautions for fire-fighters

Use suitable breathing apparatus .

Wear suitable protective clothing (helmet, protective clothings, goggles, fire resistant gloves, boots) and protect respiratory organs (self contained breathing apparatus).

Move undamaged containers from immediate hazard area if it can be done safely.

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

### HazChem Code/Emergency Action code

N.A.

Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

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## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

### Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

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

### Methods and material for containment and cleaning up

Wash with plenty of water.

Suitable material for taking up: absorbing material, organic, sand

Retain contaminated washing water and dispose it.

Dispose of the collected material in accordance with the current regulations.

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## 7. Handling and storage

### Precautions for safe handling

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

### Conditions for safe storage, including any incompatibilities

Keep away from food, drink.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

Packaging materials:

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## 8. Exposure controls/personal protection

### Control parameters – exposure standards, biological monitoring

#### OEL Occupational Exposure Limit Type

EU Long Term: 10 mg/m<sup>3</sup>  
(Inhalable fraction)

EU Long Term: 3 mg/m<sup>3</sup>  
(Respirable fraction)

EU Long Term: 2 mg/m<sup>3</sup>  
(Respirable fraction-Carbon)

ACGIH Long Term: 10 mg/m<sup>3</sup>  
(Inhalable fraction)

ACGIH Long Term: 3 mg/m<sup>3</sup>  
(Respirable fraction)

#### Derived No Effect Level (DNEL) values

Exposure Frequency: Long Term, local effects

Worker Professional: 3 mg/m<sup>3</sup>; Consumer: 0.5 mg/m<sup>3</sup>

#### Appropriate engineering controls

no data available

#### Individual protection measures, such as personal protective equipment (PPE)

Please see both sections 5 and 6 for information about personal protective equipment to be worn in an emergency (e.g.: fire or unintentional release of the substance).

Personal protective equipment (PPE) should meet recommended national standards. Check with PPE suppliers.

The final choice of protective equipment will depend upon a risk assessment.

Personal protective equipment selections vary based on potential exposure conditions and working conditions.

Eye protection:

Not needed for normal use. Anyway, operate according good working practices.

Protection for skin:

No special precaution must be adopted for normal use.

Protection for hands:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Glove suitability and breakthrough time will differ depending on the specific use conditions.

Contact the glove manufacturer for specific advice on glove selection and breakthrough times for your use conditions.

Not needed for normal use.

Respiratory protection:

Depending on the potential for exposure, select respiratory protective equipment suitable for the specific conditions of use and in compliance with current legislation.

Use respiratory protection where ventilation is insufficient or exposure is prolonged

Filter mask FFP2/FFP3 for solid particles

Technical reference standard: UNI EN 149

Thermal Hazards:

no data available

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## 9. Physical and chemical properties

Physical State: Solid

Appearance and colour: Solid

Odour: None

pH: no data available

Melting point / freezing point: > 1000°C

Initial boiling point and boiling range: >1000°C

Flash point: N.A.

Evaporation rate: no data available

Flammability (Solid, Gas): no data available  
Upper/lower flammability or explosive limits: no data available  
Vapour pressure: no data available  
Vapour density: no data available  
Relative density: 200-400 kg/m<sup>3</sup>  
Solubility in water: Insoluble  
Solubility in oil: no data available  
Partition coefficient (n-octanol/water): no data available  
Auto-ignition temperature: no data available > 500°C  
Decomposition temperature: no data available  
Particle size: no data available  
Particle size distribution: no data available  
Shape and aspect ratio: no data available  
Specific surface area: no data available  
Molecular weight: N.A.  
Chemical formula: N.A.

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## 10. Stability and reactivity

### Reactivity

Stable under normal conditions

### Chemical stability

no data available

### Possibility of hazardous reactions

Quick combustion with liquid oxygen, ozone and strong oxidants

### Conditions to avoid

Stable under normal conditions.

### Incompatible materials

None in particular.

### Hazardous decomposition products

None

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## 11. Toxicological information

### Information on toxicological effects

#### Toxicological Information of the Substance

a) acute toxicity	Not classified Based on available data, the classification criteria are not met LC50 Inhalation Rat = 8.5 mg/l - >96h LD50 Oral Rat > 2000 mg/kg
b) skin corrosion/irritation	Not classified Based on available data, the classification criteria are not met
c) serious eye damage/irritation	Not classified Based on available data, the classification criteria are not met
d) respiratory or skin sensitisation	Not classified Based on available data, the classification criteria are not met
e) germ cell mutagenicity	Not classified Based on available data, the classification criteria are not met
f) carcinogenicity	Not classified Based on available data, the classification criteria are not met
g) reproductive toxicity	Not classified Based on available data, the classification criteria are not met
h) STOT-single exposure	Not classified Based on available data, the classification criteria are not met
i) STOT-repeated exposure	Not classified Based on available data, the classification criteria are not met
j) aspiration hazard	Not classified Based on available data, the classification criteria are not met

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## 12. Ecological information

### Ecotoxicity

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

Eco-Toxicological Information:

### List of Eco-Toxicological properties of the product

Not classified for environmental hazards.

No data available for the product

### Persistence and degradability

no data available

### Bioaccumulative potential

no data available

### Mobility in soil

no data available

### Other adverse effects

no data available

Ecotoxicological Data: N.A.

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## 13. Disposal considerations

### Disposal methods

Recover if possible. In so doing, comply with the local and national regulations currently in force.

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## 14. Transport information

Not classified as dangerous in the meaning of transport regulations.

### UN number

no data available

### UN proper shipping name

no data available

### Transport hazard class(es)

no data available

### Packing group, if applicable

no data available

### Environmental hazards

no data available

### Special precautions for user

ADG-Subsidiary hazards no data available

ADG-S.P.: no data available

Road and Rail (ADR-RID):

no data available

Air (IATA):

no data available

Sea (IMDG):

no data available

### Additional Information

no data available

### HazChem Code/Emergency Action code

no data available

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## 15. Regulatory information

### Safety, health and environmental regulations specific for the product in question

This Safety Data Sheet has been prepared according to the Australian Work Health and Safety (WHS) act and the Code of Practice on preparation of safety data sheets for Hazardous Chemicals.

### List of substances included in the NICNAS:

ACTIVE CARBON

No data available

### List of substances included in the AICS inventory:

ACTIVE CARBON

### Poison Schedule (SUSMP):

None Specified

**List of substances included in the AIIC:**

All substances are listed on AIIC

**List of substances included in the AICIS inventory:**

All substances are listed on AICIS

SpiritoFine CRN

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**16. Other information**

This document was prepared by a competent person who has received appropriate training.

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

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.

Legend to abbreviations and acronyms used in the safety data sheet:

ACGIH: American Conference of Governmental Industrial Hygienists

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

ATE: Acute Toxicity Estimate

ATEmix: Acute toxicity Estimate (Mixtures)

BCF: Biological Concentration Factor

BEI: Biological Exposure Index

BOD: Biochemical Oxygen Demand

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CAV: Poison Center

CE: European Community

CLP: Classification, Labeling, Packaging.

CMR: Carcinogenic, Mutagenic and Reprotoxic

COD: Chemical Oxygen Demand

COV: Volatile Organic Compound

CSA: Chemical Safety Assessment

CSR: Chemical Safety Report

DMEL: Derived Minimal Effect Level

DNEL: Derived No Effect Level.

DPD: Dangerous Preparations Directive

DSD: Dangerous Substances Directive

EC50: Half Maximal Effective Concentration

ECHA: European Chemicals Agency

EINECS: European Inventory of Existing Commercial Chemical Substances.

ES: Exposure Scenario

GefStoffVO: Ordinance on Hazardous Substances, Germany.

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

IARC: International Agency for Research on Cancer

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

IC50: half maximal inhibitory concentration

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).

IMDG: International Maritime Code for Dangerous Goods.

INCI: International Nomenclature of Cosmetic Ingredients.

IRCCS: Scientific Institute for Research, Hospitalization and Health Care

KAFH: KAFH

KSt: Explosion coefficient.

LC50: Lethal concentration, for 50 percent of test population.

LD50: Lethal dose, for 50 percent of test population.

LDLo: Leathal Dose Low

N.A.: Not Applicable

N/D: Not defined/ Not available

NIOSH: National Institute for Occupational Safety and Health  
NOAEL: No Observed Adverse Effect Level  
OSHA: Occupational Safety and Health Administration  
PBT: Persistent, Bioaccumulative and Toxic  
PGK: Packaging Instruction  
PNEC: Predicted No Effect Concentration.  
PSG: Passengers  
RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.  
STEL: Short Term Exposure limit.  
STOT: Specific Target Organ Toxicity.  
TLV: Threshold Limiting Value.  
TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).  
vPvB: Very Persistent, Very Bioaccumulative.  
WGK: German Water Hazard Class.