

SAFETY DATA SHEET



Bayer Copper Capsules 4/5/10/12/20/24/30/36 grams

Version 1.0 Revision Date: 24.06.2020 SDS Number: 122000017937 Date of last issue: -
Date of first issue: 24.06.2020

Section 1: Identification

1.1 Product identifier

Bayer Copper Capsules 4/5/10/12/20/24/30/36 grams

HSNO Approval Number : HSR002394

ACVM number : A004943, A005143, A007143, A007144, A007788, A007789, A007790, A007791

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the Substance/Mixture : Animal nutritional and animal care products

1.3 Details of the supplier of the safety data sheet

Company

Elanco New Zealand
88 Shortland Street
1010 AUCKLAND
NEW ZEALAND
+64 0800 352 626
elanco_sds@elanco.com

1.4 Emergency telephone number

In case of emergency: CHEMTREC International: +1 703-527-3887 (24 hours)
or +64-98010034 (local)

Section 2: Hazard identification

GHS Classification

Acute toxicity (Oral) : 6.1E

Eye irritation : 6.4A

Specific Target Organ Toxicity (Oral) : 6.9B

Aquatic toxicity (Acute or Chronic) : 9.1A

GHS label elements

Hazard pictograms :



SAFETY DATA SHEET



Bayer Copper Capsules 4/5/10/12/20/24/30/36 grams

Version 1.0 Revision Date: 24.06.2020 SDS Number: 122000017937 Date of last issue: -
Date of first issue: 24.06.2020

Signal word : Warning

Hazard statements : H303 May be harmful if swallowed.
H319 Causes serious eye irritation.
H373 May cause damage to organs () through prolonged or repeated exposure.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements : P102 Keep out of reach of children.
P103 Read label before use.

Prevention:
P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
P264 Wash skin thoroughly after handling.
P273 Avoid release to the environment.
P280 Wear protective gloves/ eye protection/ face protection.

Response:
P101 If medical advice is needed, have product container or label at hand.
P312 Call a POISON CENTER/doctor if you feel unwell.
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.
P391 Collect spillage.

Disposal:
P501 Dispose of contents/container to an approved facility in accordance with local, regional, national and international regulations.

Other hazards which do not result in classification

None known.

Section 3: Composition/information on ingredients

Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)
Copper oxide	1317-38-0	>= 50 -< 70
Copper (I) Oxide	1317-39-1	>= 50 -< 70

Section 4: First-aid measures

General advice : Take off all contaminated clothing immediately.

You should call the National Poisons Centre if you feel that you may have been harmed or irritated by this product. The number is 0800 764 766 (0800 POISON) (24hr emergency)

SAFETY DATA SHEET



Bayer Copper Capsules 4/5/10/12/20/24/30/36 grams

Version 1.0	Revision Date: 24.06.2020	SDS Number: 122000017937	Date of last issue: - Date of first issue: 24.06.2020
----------------	------------------------------	-----------------------------	--

- service).
- If inhaled : Remove to fresh air.
If symptoms persist, call a physician.
- In case of skin contact : After contact with skin, wash immediately with plenty of soap and water.
If skin reactions occur, contact a physician.
- In case of eye contact : In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- If swallowed : If swallowed, seek medical advice immediately and show this container or label.
- Most important symptoms and effects, both acute and delayed : No information available.
- Notes to physician : No information available.

Section 5: Fire-fighting measures

- Suitable extinguishing media : Any
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during fire-fighting : Fire may cause evolution of:
Carbon monoxide (CO)
Carbon dioxide (CO₂)
- Specific extinguishing methods : Prevent fire extinguishing water from contaminating surface water or the ground water system.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
Use personal protective equipment.

Section 6: Accidental release measures

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
Avoid dust formation.
- Environmental precautions : Do not flush into surface water or sanitary sewer system.
- Methods and materials for containment and cleaning up : Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

Section 7: Handling and storage

SAFETY DATA SHEET



Bayer Copper Capsules 4/5/10/12/20/24/30/36 grams

Version 1.0	Revision Date: 24.06.2020	SDS Number: 122000017937	Date of last issue: - Date of first issue: 24.06.2020
----------------	------------------------------	-----------------------------	--

- Advice on protection against fire and explosion : No special protective measures against fire required.
- Advice on safe handling : Industrial uses:
Avoid dust formation.
Use with local exhaust ventilation.
Avoid contact with skin, eyes and clothing.
- Hygiene measures : Cleanliness Guidelines (GMP) for manufacturing of drugs must be observed!
- Conditions for safe storage : For storage suitable stores with adequate product-reception volume must be used.
During handling local official regulations must be observed in order to avert impairment of water by the product.

Section 8: Exposure controls/personal protection

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Personal protective equipment

- Respiratory protection : Recommended respiratory protection: full mask with filter ABEK-ST (ABEK-P3)
- Hand protection
Material : Hand protection: protective gloves for chemicals made of Baypren, nitrile rubber or PVC wear
- Remarks : Breakthrough time not tested; dispose of immediately after contamination. Advice: The gloves should not be reused.
- Eye protection : Safety glasses
- Protective measures : No special safety precautions are required during handling of pharmaceuticals in their intended finished form (tablets or liquid formulations) by chemists, the hospital's medical staff or patients.
Wear suitable protective equipment.
The personal protective equipment is applicable for the handling of bulk material without packaging and for incidents if an exposure by the active ingredient or hazardous components can be expected.
For the intake of ready for use pharmaceuticals or the external use on the skin please read the label and the package leaflet.

Section 9: Physical and chemical properties

- Appearance : in capsule

SAFETY DATA SHEET



Bayer Copper Capsules 4/5/10/12/20/24/30/36 grams

Version 1.0	Revision Date: 24.06.2020	SDS Number: 122000017937	Date of last issue: - Date of first issue: 24.06.2020
----------------	------------------------------	-----------------------------	--

Colour	:	dark grey
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Explosive properties	:	No statements available.
Oxidizing properties	:	No data available
Impact sensitivity	:	No data available
Minimum ignition energy	:	No data available

Section 10: Stability and reactivity

Reactivity	:	No data available
Chemical stability	:	No data available
Possibility of hazardous reactions	:	No data available
Conditions to avoid	:	No data available
Incompatible materials	:	No data available
Hazardous decomposition products	:	Carbon monoxide (CO) Carbon dioxide (CO ₂)

Section 11: Toxicological information

Acute toxicity

Product:

Acute oral toxicity	:	Acute toxicity estimate (ATE): 470 mg/kg Method: Calculation method
Acute inhalation toxicity	:	Acute toxicity estimate (ATE): 3 mg/l Exposure time: 4 h Test atmosphere: dust/mist/aerosol Method: Calculation method

Components:

Copper oxide:

Acute oral toxicity	:	LD50 (Rat): 470 mg/kg
Acute inhalation toxicity	:	Remarks: Irritating to respiratory system.

SAFETY DATA SHEET



Bayer Copper Capsules 4/5/10/12/20/24/30/36
grams

Version 1.0	Revision Date: 24.06.2020	SDS Number: 122000017937	Date of last issue: - Date of first issue: 24.06.2020
----------------	------------------------------	-----------------------------	--

Copper (I) Oxide:

Acute oral toxicity : LD50 (Rat): 470 mg/kg

Acute inhalation toxicity : (Rat): 50 mg/l
Exposure time: 4 h

Skin corrosion/irritation

Components:

Copper oxide:

Remarks : slight irritation

Serious eye damage/eye irritation

Components:

Copper oxide:

Remarks : slight irritation

Chronic toxicity

Section 12: Ecological information

Ecotoxicity

Components:

Copper oxide:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 25 mg/l
Exposure time: 96 h
Test Type: Acute Fish toxicity

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 0,04 mg/l
Exposure time: 48 h

Copper (I) Oxide:

Toxicity to fish : LC50 (Cyprinodon sp. (minnow)): 0,17 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 0,5 mg/l
Exposure time: 48 h

Persistence and degradability

No data available

Bioaccumulative potential

No data available

SAFETY DATA SHEET



Bayer Copper Capsules 4/5/10/12/20/24/30/36 grams

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	24.06.2020	122000017937	Date of first issue: 24.06.2020

Mobility in soil

No data available

Other adverse effects

Product:

Additional ecological information : Do not allow to enter surface waters or groundwater.

Section 13: Disposal considerations

Disposal methods

Waste from residues : Dispose of as hazardous waste in compliance with local and national regulations.

Contaminated packaging : Contaminated, empty containers are to be treated in the same way as the contents.

Section 14: Transport information

IATA-DGR

UN/ID No. : UN 3077

Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (COPPER(I) OXIDE, COPPER(II) OXIDE)

Class : 9

Packing group : III

Labels : 9

Environmentally hazardous : yes

IMDG-Code

UN number : UN 3077

Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (COPPER(I) OXIDE, COPPER(II) OXIDE)

Class : 9

Packing group : III

Labels : 9

Marine pollutant : yes

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

SAFETY DATA SHEET



Bayer Copper Capsules 4/5/10/12/20/24/30/36
grams

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	24.06.2020	122000017937	Date of first issue: 24.06.2020

Section 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

HSNO Approval Number

HSR002394 Veterinary Medicines Non dispersive Open System Application Group Standard 2017

HSW Controls

Certified handler certificate not required.

HSW tracking not required.

Refer to WORKSAFE user guide to the HSW regulations for further information.

Montreal Protocol (Ozone Depleting Substances) : Not applicable

Rotterdam Convention (Prior Informed Consent) : Not applicable

Stockholm Convention (Persistent Organic Pollutants) : Not applicable

The components of this product are reported in the following inventories:

NZIoC : On the inventory, or in compliance with the inventory

Section 16: Other information

Date format : dd.mm.yyyy

Full text of other abbreviations

AICS - Australian Inventory of Chemical Substances; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Develop-

SAFETY DATA SHEET



Bayer Copper Capsules 4/5/10/12/20/24/30/36
grams

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	24.06.2020	122000017937	Date of first issue: 24.06.2020

ment; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

NZ / EN