

Palintest

Water Analysis Technologies

SAFETY DATA SHEET COPPERCOL No. 1 TABLETS

According to Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice, February 2016

SECTION 1: Identification: Product identifier and chemical identity

Product identifier

Product name	COPPERCOL No. 1 TABLETS
Product No.	SPH7010E, AL200, CR186, ST-2455, AP186, AL200USA, CKH2186, AP186WAG, SPH7010US, SKW500, SP709AUST, SP725AUST, SPR7009US, SPH7009E, SPH006DPRO, AL300AUST, AP187, AR790HIL, CM186, PK186, PM186, ST-2450, SKR008, AK186, WAG-WE10320, AL200AUST, AL200ROW, AL300ROW, AL300USA, CKH1186, SK500, SP709E, SP725E, SPH7009AUST, SPH7009US, SP709US, SPH7025AUST, SPH7025US, SP725US, SPR7025US, SPR7009AUST, SPR7025AUST, SPH7025E, SPR7009E, SPR7025E, SPR7009DES, PTW10800, SPH7010AUST, SPH7010HO

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

Application	Testing water
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Details of the supplier of the safety data sheet

Supplier	PALINTEST AUSTRALIA & ASIA/PACIFIC 1/53 LORRAINE STREET PEAKHURST NSW 2210 AUSTRALIA TEL + 61 1300 13 15 16 FAX + 61 1300 13 19 86 palintest@palintest.com.au
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Emergency telephone number

Emergency telephone	+44 (0)207 858 1228 (24hr)
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National emergency telephone number Australian Poisons Information Centre (PIC) TEL 13 11 26

SECTION 2: Hazard(s) identification

Classification of the substance or mixture

Physical hazards	Not Classified
Health hazards	Eye Dam. 1 - H318
Environmental hazards	Not Classified

COPPERCOL No. 1 TABLETS**Label elements****Hazard pictograms****Signal word**

DANGER

Hazard statements

H318 Causes serious eye damage.

Precautionary statements

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/ physician.

Contains

SODIUM METABISULFITE

Other hazards

This substance is not classified as PBT (persistent, bioaccumulative and toxic) or vPvB (very persistent and very bioaccumulative).

SECTION 3: Composition and information on ingredients**Mixtures****DI-SODIUM HYDROGEN PHOSPHATE****20-30%**

CAS number: 10028-24-7

Classification

Eye Irrit. 2A - H319

ADIPIC ACID**5-10%**

CAS number: 124-04-9

Classification

Eye Irrit. 2A - H319

SODIUM METABISULFITE**<5.5%**

CAS number: 7681-57-4

Classification

Acute Tox. 4 - H302

Eye Dam. 1 - H318

BORIC ACID**<5.5%**

CAS number: 10043-35-3

Classification

Repr. 1B - H360FD

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**2,2'-BIQUINOLENE-4,4'-DICARBOXYLIC ACID
DIPOTASSIUM SALT**

<1%

CAS number: 63451-34-3

Classification

Skin Irrit. 2 - H315
Eye Irrit. 2A - H319
STOT SE 3 - H335

The full text for all hazard statements is displayed in Section 16.

Composition comments This product contains a substance that is a SVHC (Substance of very high concern).

SECTION 4: First aid measures**Description of first aid measures**

General information	Treat symptomatically.
Inhalation	Remove affected person from source of contamination. Move affected person to fresh air at once. Get medical attention.
Ingestion	Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
Skin Contact	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

Most important symptoms and effects, both acute and delayed

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	Irritation of nose, throat and airway.
Ingestion	May cause discomfort if swallowed.
Skin contact	Skin irritation.
Eye contact	May cause severe eye irritation.

Indication of any immediate medical attention and special treatment needed

Notes for the doctor Treat symptomatically.

SECTION 5: Firefighting measures**Extinguishing media**

Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding fire.

Special hazards arising from the substance or mixture

Hazardous combustion products No known hazardous decomposition products.

Advice for firefighters

Protective actions during firefighting No specific firefighting precautions known.

SECTION 6: Accidental release measures**Personal precautions, protective equipment and emergency procedures**

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Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

Environmental precautions

Environmental precautions Not considered to be a significant hazard due to the small quantities used. However, large or frequent spills may have hazardous effects on the environment.

Methods and material for containment and cleaning up

Methods for cleaning up Avoid generation and spreading of dust. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate.

Reference to other sections

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet.

SECTION 7: Handling and storage, including how the chemical may be safely used

Precautions for safe handling

Usage precautions Good personal hygiene procedures should be implemented. Avoid inhalation of dust and contact with skin and eyes.

Conditions for safe storage, including any incompatibilities

Storage precautions Store in closed original container at temperatures between 5°C and 30°C.

Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.

SECTION 8: Exposure controls and personal protection

Control parameters

Occupational exposure limits

SODIUM METABISULFITE

Long-term exposure limit (8-hour TWA): 5 mg/m³

Ingredient comments OES = Occupational Exposure Standard. MEL = Maximum Exposure Limit. ACGIH = US Standard.

Exposure controls

Protective equipment



Appropriate engineering controls Provide adequate ventilation. Avoid inhalation of dust. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Dust-resistant, chemical splash goggles.

Hand protection Wear protective gloves. It is recommended that gloves are made of the following material: Nitrile rubber.

Other skin and body protection Wear appropriate clothing to prevent any possibility of skin contact.

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Hygiene measures No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

Respiratory protection If ventilation is inadequate, suitable respiratory protection must be worn.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Solid
Colour	White.
Odour	Odourless.
Solubility(ies)	Soluble in water.
Other information	No data available.

SECTION 10: Stability and reactivity

Reactivity	There are no known reactivity hazards associated with this product.
Stability	Stable under the prescribed storage conditions.
Possibility of hazardous reactions	No data available.
Conditions to avoid	There are no known conditions that are likely to result in a hazardous situation.
Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
Hazardous decomposition products	No known hazardous decomposition products.

SECTION 11: Toxicological information

Information on toxicological effects

Toxicological effects	May be harmful if swallowed. May damage fertility or the unborn child if swallowed.
Other health effects	Causes serious eye damage.
<u>Acute toxicity - oral</u>	
Summary	May be harmful if swallowed. May damage fertility or the unborn child if swallowed.
ATE oral (mg/kg)	28,153.56
<u>Acute toxicity - dermal</u>	
Summary	No data available.
<u>Acute toxicity - inhalation</u>	
Summary	No data available.
<u>Skin corrosion/irritation</u>	
Summary	No data available.
<u>Serious eye damage/irritation</u>	
Summary	Causes serious eye damage.
<u>Reproductive toxicity</u>	

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Summary	May damage fertility or the unborn child if swallowed.
Inhalation	No data available.
Ingestion	May be harmful if swallowed. May damage fertility or the unborn child if swallowed.
Skin Contact	No data available.
Eye contact	Causes serious eye damage.

SECTION 12: Ecological information

Ecotoxicity	There are no data on the ecotoxicity of this product. However, large or frequent spills may have hazardous effects on the environment.
Toxicity	No data available.
<u>Persistence and degradability</u>	
Persistence and degradability	There are no data on the degradability of this product.
<u>Bioaccumulative potential</u>	
Bioaccumulative Potential	No data available on bioaccumulation.
<u>Mobility in soil</u>	
Mobility	The product is soluble in water.
<u>Other adverse effects</u>	
Other adverse effects	None known.

SECTION 13: Disposal considerations

Waste treatment methods

Disposal methods	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
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SECTION 14: Transport information

General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADG).
<u>UN number</u>	Not applicable.
<u>UN proper shipping name</u>	Not applicable.
<u>Transport hazard class(es)</u>	No transport warning sign required.
<u>Packing group</u>	Not applicable.
<u>Environmental hazards</u>	
Environmentally hazardous substance/marine pollutant	No.
<u>Special precautions for user</u>	

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Not applicable.

**Transport in bulk according to
Annex II of MARPOL 73/78
and the IBC Code** Not applicable.

COPPERCOL No. 1 TABLETS**SECTION 15: Regulatory information****Inventories****Australia - AICS***POTASSIUM DIHYDROGEN ORTHOPHOSPHATE***SECTION 16: Any other relevant information**

Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Issued by	L. Morgan
Revision date	22/12/2020
Revision	22
Supersedes date	18/05/2020
SDS status	Approved.
Hazard statements in full	H302 Harmful if swallowed. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H360FD May damage fertility if swallowed. May damage the unborn child if swallowed.

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.