

# Palintest

Water Analysis Technologies

## SAFETY DATA SHEET COPPERCOL No. 1 TABLETS

According to Appendix D, OSHA Hazard Communication Standard 29 CFR §1910.1200

### 1. Identification

#### Product identifier

**Product name** COPPERCOL No. 1 TABLETS

**Product number** 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

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

**Application** Testing water

#### Details of the supplier of the safety data sheet

**Supplier** PALINTEST USA  
400 CORPORATE CIRCLE  
SUITE J  
GOLDEN  
COLORADO  
80401  
USA  
Tel: (720) 221-6878  
Fax: (720) 496-4766  
info@palintestusa.com

#### Emergency telephone number

**Emergency telephone** +44 (0)207 858 1228 (24hr)

**National emergency telephone number** +44 (0)207 858 1228 (24hr)

### 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 symbols****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/ doctor.

**Contains**

SODIUM METABISULFITE

**Other hazards**

This substance is not classified as PBT or vPvB according to current EU criteria.

**3. Composition/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

This product is/contains a substance that is included in REGULATION (EC) No 1907/2006 (REACH) ANNEX XVII - RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES.

**Classification**

Repr. 1B - H360FD

## COPPERCOL No. 1 TABLETS

<b>2,2'-BIQUINOLENE-4,4'-DICARBOXYLIC ACID DIPOTASSIUM SALT</b> CAS number: 63451-34-3	<b>&lt;1%</b>
<b>Classification</b> Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335	

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

### 4. First-aid measures

#### Description of first aid measures

<b>General information</b>	Treat symptomatically.
<b>Inhalation</b>	Remove affected person from source of contamination. Move affected person to fresh air at once. Get medical attention.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
<b>Skin Contact</b>	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.
<b>Eye contact</b>	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

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

#### Indication of immediate medical attention and special treatment needed

<b>Notes for the doctor</b>	Treat symptomatically.
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### 5. Fire-fighting 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.

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

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

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### 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** Wear protective clothing as described in Section 8 of this safety data sheet.

## 7. Handling and storage

### 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 uses(s)

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

## 8. Exposure controls/Personal protection

### Control parameters

#### Occupational exposure limits

##### **ADIPIC ACID**

Long-term exposure limit (8-hour TWA): ACGIH 5 mg/m<sup>3</sup>

##### **SODIUM METABISULFITE**

Long-term exposure limit (8-hour TWA): ACGIH 5 mg/m<sup>3</sup>

A4

##### **BORIC ACID**

Long-term exposure limit (8-hour TWA): ACGIH 2 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): ACGIH 6 mg/m<sup>3</sup>

A4

ACGIH = American Conference of Governmental Industrial Hygienists.

A4 = Not Classifiable as a Human Carcinogen.

**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.

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<b>Eye/face protection</b>	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.
<b>Hand protection</b>	Wear protective gloves. It is recommended that gloves are made of the following material: Nitrile rubber.
<b>Other skin and body protection</b>	Wear appropriate clothing to prevent any possibility of skin contact.
<b>Hygiene measures</b>	No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.
<b>Respiratory protection</b>	If ventilation is inadequate, suitable respiratory protection must be worn.

### 9. Physical and chemical properties

#### Information on basic physical and chemical properties

<b>Appearance</b>	Solid
<b>Color</b>	White.
<b>Odor</b>	Odorless.
<b>Solubility(ies)</b>	Soluble in water.
<b>Other information</b>	No data available.

### 10. Stability and reactivity

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

### 11. Toxicological information

#### Information on toxicological effects

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

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<b>Summary</b>	No data available.
<b><u>Skin corrosion/irritation</u></b>	
<b>Summary</b>	No data available.
<b><u>Serious eye damage/irritation</u></b>	
<b>Summary</b>	Causes serious eye damage.
<b><u>Reproductive toxicity</u></b>	
<b>Summary</b>	May damage fertility or the unborn child if swallowed.
<b>Inhalation</b>	No data available.
<b>Ingestion</b>	May be harmful if swallowed. May damage fertility or the unborn child if swallowed.
<b>Skin Contact</b>	No data available.
<b>Eye contact</b>	Causes serious eye damage.

### 12. Ecological information

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

### 13. Disposal considerations

#### Waste treatment methods

<b>Disposal methods</b>	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
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### 14. Transport information

<b>General</b>	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DOT).
<b><u>UN Number</u></b>	
<b>UN No. (International)</b>	Not applicable.
<b><u>UN proper shipping name</u></b>	
<b>Proper shipping name (International)</b>	Not applicable.
<b><u>Transport hazard class(es)</u></b>	

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**Transport Labels  
(International)** No transport warning sign required.

**Packing group**

**Packing group (International)** Not applicable.

**Environmental hazards**

**Environmentally Hazardous Substance**

No.

**Special precautions for user**

Not applicable.

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

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### 15. Regulatory information

#### US Federal Regulations

##### **CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)**

*ADIPIC ACID*

Final CERCLA RQ: 5000(2270) pounds (Kilograms)

##### **SARA 313 Emission Reporting**

None of the ingredients are listed.

##### **CAA Accidental Release Prevention**

None of the ingredients are listed.

#### US State Regulations

##### **California Proposition 65 Carcinogens and Reproductive Toxins**

None of the ingredients are listed.

##### **Massachusetts "Right To Know" List**

*ADIPIC ACID*

*SODIUM METABISULFITE*

##### **Rhode Island "Right To Know" List**

*ADIPIC ACID*

*SODIUM METABISULFITE*

##### **Minnesota "Right To Know" List**

*ADIPIC ACID*

*SODIUM METABISULFITE*

##### **New Jersey "Right To Know" List**

*ADIPIC ACID*

*SODIUM METABISULFITE*

##### **Pennsylvania "Right To Know" List**

*ADIPIC ACID*

*SODIUM METABISULFITE*

#### Inventories

##### **Canada - DSL/NDSL**

*POTASSIUM CHLORIDE*

*ADIPIC ACID*

*SODIUM METABISULFITE*

*SODIUM HYDROGEN CARBONATE*

*BORIC ACID*

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

##### **US - TSCA**



**COPPERCOL No. 1 TABLETS***POTASSIUM CHLORIDE**POTASSIUM DIHYDROGEN ORTHOPHOSPHATE**ADIPIC ACID**SODIUM METABISULFITE**SODIUM HYDROGEN CARBONATE**BORIC ACID**2,2'-BIQUINOLENE-4,4'-DICARBOXYLIC ACID DIPOTASSIUM SALT***US - TSCA 12(b) Export Notification**

None of the ingredients are listed or exempt.

**Australia - AICS***POTASSIUM DIHYDROGEN ORTHOPHOSPHATE***16. Other information**

<b>Revision comments</b>	NOTE: Lines within the margin indicate significant changes from the previous revision.
<b>Issued by</b>	L. Morgan
<b>Revision date</b>	12/22/2020
<b>Revision</b>	22
<b>Supersedes date</b>	5/18/2020
<b>SDS status</b>	Approved.
<b>Hazard statements in full</b>	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.