

Copper No 1 Comparator

1. Identification of the substance/preparation and of the company/undertaking

1.1 Product Identifier

Trade Name: Copper No 1 Comparator

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

Uses: Testing Water

1.3 Details of the supplier of the safety data sheet

Company: Complete Pool Controls Ltd
Unit 2, The Park
Stoke Orchard
Bishops Cleeve
Gloucestershire
GL52 7RS

Telephone: +44 (0) 8712 229081

Fax: +44 (0) 8712 229083

E-mail: sales@cpc-chemicals.co.uk

1.4 Emergency Telephone

Tel: +44 (0) 8712 229081 (office hours) +44 (0) 3712 229084 (outside of office hours)

2. Hazard Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Hazard Class	Hazard Statements
Acute Tox 4	H302
Eye Damage 1	H318

For the full text of the H statements mentioned in this section see Section 16.

Most important adverse effects

Human Health:	See section 11 for toxicological information
Physical & Chemical Hazards:	See section 9 for physicochemical information
Potential environmental effects:	See section 12 for environmental information

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms: GHS07: Warning

Hazard symbols:



Signal word: Danger

Hazard statements:	H302	Harmful if Swallowed
	H318	Causes serious eye damage
	EUH031	Contact with acids liberates toxic gas

3. Composition/information on ingredients

3.2 Mixture A mixture of the substances listed below with non-hazardous additions

2,2biquinolene-4-4diacarboxylic Acid

EINECS	CAS No:	Index No	%	CLP Classification
201-069-1	77-92-9	-	5 - 10%	-
dipotassium salt				
-	4151-34-2	-	5 - 10%	Skin Irrit.2 H315; Eye Irrit.2 H319;STOT SE 3 H335
Sodium Metabisulphite				
231-673-0	7681-57-4	016-063-00-2	1 - 5%	Acute Tox.4 - H302; Eye Dam1-H308

4. First Aid measures**4.1 Description of first aid measures**

- If inhaled: Unlikely route of exposure as the product does not contain volatile substances.
- If Ingested: Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention immediately
- In case of skin contact: Wash skin thoroughly with soap and water. Get medical attention if symptoms occur after washing
- In case of eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. Get medical attention if irritation continues.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects: No further information available.

4.3 Indication of immediate medical attention and special treatment needed

Treatment Treat Symptomatically.

5. Fire fighting measures**5.1 Extinguishing media:**

Suitable media: Use extinguishing measures that are appropriate to the surrounding environment.

5.2 Special hazards arising from the substance or mixture

Specific Hazards: No information available.

5.3 Advice for fire-fighters

Protective equipment No information available.

6. Accidental release Measures**6.1 Personal precautions, protective equipment and emergency procedures**

Personal Precautions: Use personal protective equipment. Provide adequate ventilation.
Avoid contact with skin and eyes.

6.2 Environmental precautions

Environmental precautions: Do not discharge onto the ground or into water courses.

6. Accidental release Measures

6.3 Methods and materials for containment and cleaning up

Cleaning Up

Avoid generation and spreading of dust. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.
Containers with collected spillage must be properly labelled with correct contents and hazard symbol

6.4 Reference to other sections

Other sections For personal protection see section 8

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling: Use personal protective equipment. Avoid handling which leads to dust formation.

Hygiene measures: Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities.

Storage Store in a cool and well ventilated place.
Containers Keep in original containers.
Protection against fire: The product is not flammable.
Common storage: Keep away from food, drink and animal feeding stuffs.

7.3 Specific end uses

Specific use(s) Water Testing

8. Exposure control/personal protection

8.1 Control parameters

Regulatory Basis: Acute Toxicity

Sodium Metabisulphate

Regulatory List:	TWA*	Value	
WEL	8 hrs	5	mg/m ³

*Time Weighted Average

8.2 Exposure controls

Engineering measures Refer to protective measures listed in sections 7 and 8.

Personal protective equipment

Respiratory protection No specific recommendation made

Hand protection Wear protective gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and standard EN 374.

Eye protection Tightly fitting safety goggles approved to standard EN 166 .

Skin and body protection Acid resistant protective clothing.

Environmental exposure controls

General advice: Do not flush into surface water or sanitary sewer system.
Good personal hygiene practises always advisable when working with chemicals.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form:	Solid
Colour:	white
Odour:	odourless
Water solubility:	completely miscible.
Explosive properties:	Product is not explosive.

9.2 Other Information

Other Information	No data available
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10. Stability and reactivity

10.1 Reactivity

Reactivity	No information available.
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10.2 Chemical stability

Chemical stability	No decomposition if stored and applied as directed.
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10.3 Possibility of hazardous reactions

Hazardous reactions:	No hazardous reactions known
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10.4 Conditions to avoid

Conditions to avoid	Avoid excessive heat for prolonged periods of time.
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10.5 Incompatible materials

Materials to avoid	No information available.
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10.6 Hazardous decomposition products

Haz. Decomp. products:	No information available.
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11. Toxicological Information

11.1 Information on toxicological effects

Acute Toxicity	Oral: May cause discomfort if swallowed
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Primary irritant effect:

On the skin: Powder may irritate skin

On the eye: Particles in the eyes may cause irritation and smarting

Other relevant toxicity information

Further information:	No specific symptoms noted but this chemical may still have adverse health impact, either in general or on certain individuals.
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12. Ecological Information

12.1 Toxicity

There is no data on the ecotoxicity of this product. The product components are not classified as environmentally

12.2 Persistence and degradability

Persistence and degradability No data available

12.3 Bioaccumulative potential

Bioaccumulative potential	No information available
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12. Ecological Information

12.4 Mobility in soil

Mobility in soil No data available

12.5 Results of PBT and PvB assessment

PBT and PvB No data available

12.6 Other adverse effects

Remarks: No data available

13. Disposal Considerations

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
- Do not reuse empty containers without commercial cleaning or reconditioning
- Do not discharge into drains or the environment, dispose to an authorised waste collection point

Classification

Waste Codes in accordance with the European Waste catalogue (EWC) are origin-defined. Since this product is used in several industries, no Waste Code can be provided by the supplier. The Waste Code should be determined in arrangement with your waste disposal partner or the responsible authority

14. Transport Information

Not classified as hazardous for transportation.

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for this substance or mixture.

15.2 Chemical Safety Assessment

No data available

16. Other information

Full text of H-statements referred to under sections 2 and 3

H302 Harmful if Swallowed

H318 Causes serious eye damage

EUH031 Contact with acids liberates toxic gas

Further information

Restricted to professional users. Attention - Avoid exposure- obtain special instructions before use

This information is believed to be accurate and represents the best information currently available to us. However, we make no warranty or merchantability, or fitness for any particular use, or any other warranty, express or implied, with respect to this information, and we assume no liability resulting from use of this information. Users should make their own investigations to determine the suitability of the information for their particular needs and uses.

█ Indicates updated section