



ISS Facility Services Ltd

SAFETY DATA SHEET

1.5% CMI/MI (COPPER STABILISED)

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Name: 1.5% CMI/MI (COPPER STABILISED)

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

Use of substance / mixture: Biocide for industrial water treatment

1.3. Details of the supplier of the safety data sheet

Company Name: ISS Facility Services Ltd
Forge Lane, Etruria
Stoke-on-Trent, Staffordshire
ST1 5PZ
Tel: 08444 068 839

1.4. Emergency telephone number

0844 3727344

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Met.Corr.1: H290;SkinCorr.1B: H314;SkinSens.1: H317;AquaticChronic1: H410

Most important adverse effects: May cause sensitisation by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.2. Label elements

Label Elements under CLP:

Hazard statements: H290: May be corrosive to metals.
H314: Causes severe skin burns and eye damage. H317: May cause an allergic skin reaction. H410: Very toxic to aquatic life with long lasting

Signal word: Danger

Hazard pictograms:



Precautionary statements: P262: Do not get in eyes, on skin, or on clothing. P280: Wear protective gloves/protective clothing/eye protection/face protection. P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+313: If skin irritation or rash occurs: Get medical advice/attention.
P391: Collect spillage.

2.3. Other hazards

PBT: This substance is not identified as a PBT substance

ISS Facility Services Ltd

SAFETY DATA SHEET

1.5% CMI/MI (COPPER STABILISED)

Section 3: Composition/information on ingredients

3.2. Hazardous ingredients

Ingredients	EINECS	CAS	Reach Reg No.	CLP Class	Percent
A MIXTURE OF: 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO 247-500-7] AND 2-METHYL-2H-ISOTHIAZOL-3-O		55965-84-9			1-10%
COPPER-(II)-NITRATE-2,5-HYDRATE	221-838-5	19004-19-4	01-2119969290-34	Ox.Sol.2: H272;SkinCorr.1B: H314;AquaticAcute1: H400;AquaticChronic2: H411	<1%

Contains :

Section 4: First aid measures

4.1. Description of first aid measures

- Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.
- Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
- Ingestion:** Wash out mouth with water. Do not induce vomiting. Consult a doctor.
- Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

- Skin contact:** There may be irritation and redness at the site of contact. Blistering may occur. Severe burns may occur. May cause an allergic skin reaction
- Eye contact:** There may be irritation and redness. The eyes may water profusely. May cause severe damage to eyes.
- Ingestion:** There may be soreness and redness of the mouth and throat. Corrosive damage to gastro-intestinal tract. · Information for doctor: Probable mucosal damage may contraindicate the use of gastric lavage. · Danger Danger of gastric perforation.
- Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Water. Water spray. Dry chemical powder. Carbon dioxide. Foam Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking

ISS Facility Services Ltd

SAFETY DATA SHEET

1.5% CMI/MI (COPPER STABILISED)

containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding. Inform authorities in case of contamination of water or sewage system.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Polluted surfaces can be decontaminated with a solution containing 5% sodium bisulphite and 5% sodium bicarbonate. In case of a spill drained to the sewer collect contaminated water in suitable container and add 10% sodium bisulfite solution.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and Storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. Keep away from direct sunlight.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control Parameters

8.1. DNEL/PNEC Values

DNEL / PNEC: No data available

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment. Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves. Nitrile gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Solubility in water: Miscible in all proportions

Colour: Pale green

Relative density: 1.027 pH: 2-3

Odour: Characteristic odour

Viscosity Test Method:

Boiling Point / Range:

Melting Point / Range:

Vapour Press:

ISS Facility Services Ltd

SAFETY DATA SHEET

1.5% CMI/MI (COPPER STABILISED)

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical Stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Amines. Alkalis. Reducing agents. Strong oxidising agents. Nucleophiles

10.6. Hazardous decomposition products

Hazardous decomposition products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

A MIXTURE OF: 5-CHLORO-2-METHY

ORL	RAT	LD50	53	mg/kg
ORL	MUS	LD50	60	mg/kg

Effects of mixture

Calculated

11.2. Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact. Blistering may occur. Severe burns may occur. May cause an allergic skin reaction

Eye contact: There may be irritation and redness. The eyes may water profusely. May cause severe damage to eyes.

Ingestion: There may be soreness and redness of the mouth and throat. Corrosive damage to gastro-intestinal tract. - Information for doctor: Probable mucosal damage may contraindicate the use of gastric lavage. - Danger Danger of gastric perforation.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: Not applicable

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility in solid: No data available.

ISS Facility Services Ltd

SAFETY DATA SHEET

1.5% CMI/MI (COPPER STABILISED)

12.5. Results of PBT and vPvB assessment

PBT identification: This substance is not identified as a PBT substance

12.6. Other adverse effects

Other adverse effects: No data available.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging:

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN Number

UN number: 3265

14.2. UN Proper shipping name

Shipping name: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.(A MIXTURE OF: 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO 247-500-7] AND 2-METHYL-2H-ISOTHIAZOL-3-O)

14.3. Transport hazard class(es)

Transport class: 8 (EHS)

14.4. Packing Group

Packing group: II

14.6. Special precautions for user

Tunnel Code: E

Transport category: 2

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Chemical safety assessment: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010

Phrases used in s.2 and 3:

- H272: May intensify fire; oxidiser.
- H290: May be corrosive to metals.
- H301: Toxic if swallowed.
- H311: Toxic in contact with skin.
- H314: Causes severe skin burns and eye damage.
- H317: May cause an allergic skin reaction.
- H331: Toxic if inhaled.
- H400: Very toxic to aquatic life.
- H410: Very toxic to aquatic life with long lasting effects.
- H411: Toxic to aquatic life with long lasting effects.
- R23/24/25: Toxic by inhalation, in contact with skin and if swallowed.
- R34: Causes burns.
- R43: May cause sensitisation by skin contact.

ISS Facility Services Ltd
SAFETY DATA SHEET
1.5% CMI/MI (COPPER STABILISED)

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.