# Safety Data Sheet

**according to 1907/2006/EC, Article 31**

printing date 29.03.2023 version number 34.0 revision: 29.03.2023

## SECTION 1: Identification of the substance/mixture and of the company/ undertaking

· **1.1 Product identifier**
· **Trade name: ACTICIDE CMG (art.nr. 687291)**
· **Unique Formula Identifier (UFI):** CR2W-E017-T00G-NHX1

· **1.2 Relevant identified uses of the substance or mixture and uses advised against:**
· **Application of the substance/the mixture:** Biocidal product for industrial use.

· **1.3 Details of the supplier of the safety data sheet:**
· **Address and telephone number of the supplier:**
Thor Specialities (UK) LTD.
Wincham Avenue
Wincham Northwich
Cheshire CW9 6GB
United Kingdom
Phone: (UK) +44 (0) 1606 818800
Fax: (UK) +44 (0) 1606 818801
· **Competent person responsible for the Material Safety Data Sheet:**
Regulatory Department: sds@thoruk.com

· **1.4 Emergency telephone number:**
National Poisons Information Service (24 h service): 0844-892-0111 (UK only)
National Poisons Information Centre: 01 8092166 (Ireland only)
Transport Emergency phone number (24 h service): +49 621 60-43333

* 

## SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**
· **In accordance with Regulation (EC) No 1272/2008**


GHS05 corrosion

Skin Corr. 1C H314 Causes severe skin burns and eye damage.
Eye Dam. 1 H318 Causes serious eye damage.


GHS09 environment

Aquatic Acute 1 H400 Very toxic to aquatic life.
Aquatic Chronic 1 H410 Very toxic to aquatic life with long lasting effects.


GHS07

Skin Sens. 1 H317 May cause an allergic skin reaction.

· **2.2 Label elements**
· **In accordance with Regulation (EC) No 1272/2008.**
The product is labelled according to the regulation.

(contd. on page 2)

# Safety Data Sheet

**according to 1907/2006/EC, Article 31**

printing date 29.03.2023 version number 34.0 revision: 29.03.2023

**Trade name: ACTICIDE CMG**

(contd. of page 1)

· **Hazard pictograms**



GHS05 GHS07 GHS09

· **Signal word** Danger
· **Hazard-determining components of labelling:**
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)
· **Hazard statements**
Causes severe skin burns and eye damage.
May cause an allergic skin reaction.
Very toxic to aquatic life with long lasting effects.
· **Precautionary statements**
Avoid release to the environment.
Wear protective gloves/protective clothing/eye protection/face protection.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If skin irritation or rash occurs: Get medical advice/attention.
Collect spillage.
· **Supplemental information in terms of art. 25 CLP-Regulation (EC) Nr. 1272/2008:**
As the information cannot be stated sufficiently legible on the label, it is also available in the safety data sheet which can be downloaded by means of the QR code (on the label). According to art. 35 of the UK REACH Regulation, the safety data sheet has to be provided to each employee anyway.
· **a) Identity of every active substance and its concentration in metric units:** see product label
· **b) Nanomaterials contained in the product:** Does not contain any nanomaterial.
· **c) Authorisation number:**
pending
This biocidal product is subject to the transitional periods of Art. 89 BPR.
· **d) Name and address of the authorisation holder:**
This biocidal product is subject to the transitional periods of Art. 89 BPR.
· **e) Type of formulation:** AL, any other liquid
· **f) Intended or authorised applications:**
Product-type 6: Preservatives for products during storage
Product-type 6.2: Paints and coatings
Product-type 6.5: Fuel
Product typ 6.7: Others
Preservation of ceramic glaze
Product-type 11: Preservatives for liquid-cooling and processing systems
Preservation of e-coats (KTL, ATL)
Product-type 13: Working or cutting fluid preservatives
· **g) Directions for use, frequency of application and dose rate:**
The product is ready for use and is added undiluted to the articles to be treated. It is preferably added automatically/semi-automatically via a dosing device (continuously or discontinuously) at a point where it spreads quickly and evenly. In individual cases, manual addition is possible. For optimal preservation, it is recommended to add the product as early as possible (observe suitable environmental conditions). To prove sufficient preservation, microbiological tests should be carried

(contd. on page 3)

# Safety Data Sheet

**according to 1907/2006/EC, Article 31**

printing date 29.03.2023 version number 34.0 revision: 29.03.2023

**Trade name: ACTICIDE CMG**

(contd. of page 2)

out to determine the effective dose of the preservative for the respective matrix/site/system.
As a rule, a single application is made during the production of the articles to be treated (PT 6, PT 7, PT 8, PT 9, PT 10). In the case of intended application in functional liquids (PT 11), e.g. fount solutions or cooling water, slime control agents (PT 12) or metalworking fluids (PT 13), direct multiple dosing (e.g. as post-treatment) into the systems to be protected can also take place. This can be done in daily, weekly or longer intervals and should be based on the microbiological condition of the respective system.
Use level: 0.1-4.0 g/kg

· **h) Particulars of likely direct or indirect adverse side effects and any directions for first aid:** see section 4
· **i) Leaflet, if applicable warnings for vulnerable groups:**
A leaflet will not be created because all required information for the industrial user is stated in the safety data sheet.
· **j) Directions for the safe disposal of the biocidal product and its packaging:**
Further information: see section 13
· **k) Formulation batch number or designation and the expiry date relevant to normal conditions of storage:**
see product label
· **l) Further information:**
Cleaning of equipment: note instructions concerning decontamination unde section 6.3.
· **m) Categories of users to which the biocidal product is restricted:** Professional user
· **n) Where applicable, information on any specific danger to the environment particularly concerning protection of non-target organisms and avoidance of contamination of water:** see section 12
· **Additional information:**
For professional users only.
Read enclosed leaflet/safety data sheet before use by following the QR code.

· **2.3 Other hazards**
· **PBT-properties:** none
· **vPvB-properties:** none
· **Determination of endocrine-disrupting properties:** none



(contd. on page 4)

# Safety Data Sheet

**according to 1907/2006/EC, Article 31**

printing date 29.03.2023 version number 34.0 revision: 29.03.2023

**Trade name: ACTICIDE CMG**

(contd. of page 3)

## SECTION 3: Composition/information on ingredients

· **3.2 Mixtures**

· **Dangerous components:**

| | | |
|---|---|---|
| CAS: 55965-84-9<br>Index number: 613-167-00-5<br>Reg.nr.: 01-2120764691-48 | reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)<br>Acute Tox. 3, H301; Acute Tox. 2, H310; Acute Tox. 2, H330<br>Skin Corr. 1C, H314; Eye Dam. 1, H318<br>Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100)<br>Skin Sens. 1A, H317<br>EUH071<br>Specific concentration limits: Skin Corr. 1C; H314: C ≥ 0.6 %<br>Skin Irrit. 2; H315: 0.06 % ≤ C < 0.6 %<br>Eye Dam. 1; H318: C ≥ 0.6 %<br>Eye Irrit. 2; H319: 0.06 % ≤ C < 0.6 %<br>Skin Sens. 1A; H317: C ≥ 0.0015 % | 1.48% |

· **Additional information:** Hazard statements see section 16.

## SECTION 4: First aid measures

· **4.1 Description of first aid measures**

· **Note:**
Obtain special instructions from the poison information centre: 0844-892-0111 (UK only)
Personal protection for the First Aider.

· **After inhalation:** Supply fresh air; consult doctor in case of symptoms.

· **After skin contact**
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
In case of allergic skin reaction contact physician and show this safety data sheet.

· **After eye contact:**
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Consult an eye specialist immediately.

· **After swallowing:**
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
Bring vomiting person into recovery position.
Do not give anything by mouth to an unconscious person.

· **Information for doctor:** Probable mucosal damage may contraindicate the use of gastric lavage.

· **4.2 Most important symptoms and effects, both acute and delayed**
Allergic skin reactions.

(contd. on page 5)

# Safety Data Sheet
**according to 1907/2006/EC, Article 31**

printing date 29.03.2023 version number 34.0 revision: 29.03.2023

**Trade name: ACTICIDE CMG**

(contd. of page 4)

Skin reaction like itching, reddening, blistering may appear after hours.
Corrosive damage to gastro-intestinal tract.
Painful destruction of skin tissue which tends to heal slowly.
· **Danger** Danger of gastric perforation.

· **4.3 Indication of any immediate medical attention and special treatment needed**
If swallowed, gastric irrigation with activated carbon.
Treat skin and mucous membrane with antihistamine and corticoid preparations.
Rinse eyes thoroughly with physiological saline.

## SECTION 5: Firefighting measures

· **5.1 Extinguishing media**
· **Suitable extinguishing agents:**
Product is non combustible. Use fire fighting measures that suit the environment.
· **Unsuitable extinguishing agents for reasons of safety:** None

· **5.2 Special hazards arising from the substance or mixture**
Under certain fire conditions, traces of toxic gases cannot be excluded, e.g.:
Nitrogen oxides (NOx)
Sulphur dioxide ($SO_2$)
Hydrogen chloride (HCl)
Carbon monoxide (CO)

· **5.3 Advice for firefighters**
· **Protective equipment:** Wear self-contained breathing apparatus.
· **Additional information**
Collect contaminated fire fighting water separately. It must not enter drains.

## SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
When selecting the protective suit attention has to be paid to the complete and safe protection of skin and mucous membranes. Impermeable protective clothes, protective boots made of neoprene, complete face protection and nitrile-rubber-gloves with long tops should be worn.

· **6.2 Environmental precautions:**
As the product is hazardous for the aquatic environment, it must be prevented from reaching surface water.
Inform authorities in case of contamination of water or sewage system.

· **6.3 Methods and material for containment and cleaning up:**
Dam and absorb spillage with chemical binder.
Dispose of contaminated material as waste according to item 13.
Decontamination: 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. Contact supplier for further instructions.

(contd. on page 6)

# Safety Data Sheet

**according to 1907/2006/EC, Article 31**

printing date 29.03.2023 version number 34.0 revision: 29.03.2023

**Trade name: ACTICIDE CMG**

(contd. of page 5)

· **6.4 Reference to other sections** None

## SECTION 7: Handling and storage

· **7.1 Precautions for safe handling**
Handle product in closed systems preferably.
Provide good room ventilation or local exhaust ventilation at the workplace.
Avoid pollution of the air at the workplace, caused e. g. by aerosol formation or by product heating.
Clean contaminated work equipment immediately to avoid skin corrosion/-irritation and/or allergic skin reactions in case of unconscious skin contact.
Assess hazards arising from work equipment and work places.
· **Information about protection against explosion and fire:** No special measures required.

· **7.2 Conditions for safe storage, including any incompatibilities**
· **Requirements to be met by storerooms and containers:**
Should be stored in the delivery-container preferably.
Information about suitable materials for vessels and piping can be requested from our sales department: Tel.: +44(0)1606 818800.
· **Information about storage in a common storage facility:** none
· **Further information about storage conditions:**
Prevent release to the environment by adequate secondary containment design and use of appropriate spill control procedures.
· **Recommended storage temperature:** 20° C
· **Sensitivity against UV-radiation and heat:** Protect from heat and direct sunlight.

· **7.3 Specific end use(s)** No further relevant information available.

## SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**
· **Components with critical values that require monitoring at the workplace:** None established.
· **Additional information:** Information valid at the time of review of safety data sheet.

· **8.2 Exposure controls**
· **Technical protective equipment:**
In case of contamination devices to rinse eyes or skin immediately under running water must be available.
· **Individual protection measures, such as personal protective equipment**
· **General protective and hygienic measures:**
Avoid contact with the eyes and the skin.
Wash hands during work breaks and at the end of the shift.
Use skin cream for skin protection.
Provide skin protection plan.
· **Respiratory protection:** Not required.

(contd. on page 7)

# Safety Data Sheet

**according to 1907/2006/EC, Article 31**

printing date 29.03.2023 version number 34.0 revision: 29.03.2023

**Trade name: ACTICIDE CMG**

(contd. of page 6)

· **Hand protection**



Chemical protective gloves (EN ISO 374-1:2016)

Wear protective gloves with long gauntlets preferably.
Check the condition of protective gloves after each use for any damages like holes, cuts or tears.
After use of gloves apply skin-cleaning agents and skin cosmetics.
Do not wear protective gloves longer than necessary.

· **Material of gloves** Nitrile rubber, NBR
· **Penetration time of glove material:**
Thickness: 0.4 mm; break-through time: 480 min; material: Nitrile; permeation: level 6
· **Gloves made of the following materials are not suitable:**
Gloves for mechanical protection do not provide protection against chemicals.
· **Eye/face protection**



Face shield/visor (EN 166:2001)

Use visor in combination with goggle.

· **Body protection:**



Protective clothing (EN 14605:2009-08)

Entire head, face and neck protection.

· **Risk management measures**
The operators shall be instructed adequately.
The workplace shall be inspected regularly by competent personnel e.g. the safety representative.

* 

## SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

| | |
|---|---|
| · **Physical state:** | liquid |
| · **Colour:** | colourless<br>clear |
| · **Odour:** | mild |
| · **Melting point/freezing point:** | Not determined |
| · **Boiling point or initial boiling point and boiling range** | Not determined |
| · **Flammability** | Not applicable |
| · **Lower and upper explosion limit** | |
| · **Lower:** | Not applicable |
| · **Upper:** | Not applicable |
| · **Flash point:** | > 130 °C |
| · **Decomposition temperature:** | Not determined |

(contd. on page 8)

# Safety Data Sheet

**according to 1907/2006/EC, Article 31**

printing date 29.03.2023 version number 34.0 revision: 29.03.2023

**Trade name: ACTICIDE CMG**

(contd. of page 7)

| | |
|---|---|
| · **pH (10 g/l) at 23.3 °C** | 3.7 (OECD 122 - S 4136)<br>acidic |
| · **Viscosity:** | |
| · **dynamic (η) at 20 °C:** | 106.7 mPas (OECD 114 - S 4203) |
| · **kinematic (√) at 40 °C:** | 28.8 mm²/s (OECD 114 - S 4203) |
| · **Solubility** | |
| · **Water:** | Fully miscible |
| · **Partition coefficient n-octanol/water (log value)** | see section 12 |
| · **Vapour pressure at 20 °C:** | 0.013 hPa (CAS 25265-71-8) |
| · **Density and/or relative density** | |
| · **Density at 20 °C:** | 1.04 - 1.06 g/cm³ |
| · **Relative density ($D^{20}_4$):** | 1,050 g/cm³ (OECD 109 - S 2719) |
| · **9.2 Other information** | |
| · **Explosive properties:** | none<br>S 4166 |
| · **Oxidising properties** | none<br>S 4171 |
| · **Self-reactive properties** | none<br>S 4176 |

## SECTION 10: Stability and reactivity

· **10.1 Reactivity**
The evaluation of the relevant available information does not show an indication of any metal corrosive property.
For information about suitable materials for vessels and piping see section 7.2 (Requirements to be met by storerooms and containers).

· **10.2 Chemical stability**
· **Conditions to be avoided:**
Before handling, the product should not be diluted or mixed with other chemicals, in order to avoid any negative influences on the ingredient(s).
· **Minimum shelf life:** 18 months from production date, if stored at a temperature of about 20°C.

· **10.3 Possibility of hazardous reactions** No dangerous reactions known.

· **10.4 Conditions to avoid** No further relevant information available.

· **10.5 Incompatible materials:**
Alkalis (lyes)
Reducing agents
Strong oxidising agents
Nucleophils

· **10.6 Hazardous decomposition products:**
None, if storage and handling is done according to specification.



(contd. on page 9)

# Safety Data Sheet

**according to 1907/2006/EC, Article 31**

printing date 29.03.2023 version number 34.0 revision: 29.03.2023

**Trade name: ACTICIDE CMG**

(contd. of page 8)

* 

## SECTION 11: Toxicological information

· **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
· **Acute toxicity** Based on available data, the classification criteria are not met.

| · **Acute toxicity estimates (ATE) or $LD_{50}$/$LC_{50}$ values:** | | |
|---|---|---|
| oral | $LD_{50}$ | 4,460 mg/kg (rat) (OECD 401)<br>S 33 (b) |
| dermal | $LD_{50}$ | >5,000 mg/kg (rat) (OECD 402)<br>S 31 (b) |

· **Skin corrosion/irritation:** Causes severe skin burns and eye damage.
· **Serious eye damage/irritation:** Causes serious eye damage.
· **Sensitisation:** May cause an allergic skin reaction.

| · **Results of studies:** | |
|---|---|
| **55965-84-9 reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)** | |
| OECD 406 | (Guinea pig)<br>sensitising - S 171 (b) |

· **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.
· **Carcinogenicity:** Based on available data, the classification criteria are not met.
· **Reproductive toxicity:** Based on available data, the classification criteria are not met.
· **STOT-single exposure:** Based on available data, the classification criteria are not met.
· **STOT-repeated exposure:** Based on available data, the classification criteria are not met.
· **Aspiration hazard:** Based on available data, the classification criteria are not met.
· **11.2 Information on other hazards**
· **Endocrine disrupting properties**
Data on endocrine disrupting properties for human health are not available.

* 

## SECTION 12: Ecological information

· **12.1 Toxicity**

| · **Aquatic toxicity:** | |
|---|---|
| $EC_{50}$ / 48 h | 6.9 mg/l (Daphnia) (OECD 202)<br>S 52 (b) |
| | 0.35 mg/l (Skeletonema costatum) (OECD 201)<br>RAC (b) |
| $IC_{50}$ / 72 h | 3.24 mg/l (Pseudokirchneriella subcapitata) (OECD 201)<br>S 1322 (b) |

| **55965-84-9 reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)** | |
|---|---|
| $LC_{50}$ / 96 h | 0.22 mg/l (Onchorhyncus mykiss) (OECD 203)<br>S 6 (b) |
| NOEC / 48 h | 0.00064 mg/l (Skeletonema costatum) (ISO 10253) |

(contd. on page 10)

# Safety Data Sheet

**according to 1907/2006/EC, Article 31**

printing date 29.03.2023 version number 34.0 revision: 29.03.2023

**Trade name: ACTICIDE CMG**

(contd. of page 9)

| | |
|---|---|
| NOEC / 21 d | 0.004 mg/l (Daphnia) (OECD 211)<br>S 52 (b) |
| NOEC / 28 d | 0.098 mg/l (Onchorhyncus mykiss) (OECD 215)<br>S 117 (b) |
| NOEC / 72 h | 0.0012 mg/l (Pseudokirchneriella subcapitata) (OECD 201)<br>S 1322 (b) |

· **Evaluation:**
Very toxic to aquatic life.
Very toxic to aquatic life with long lasting effects.

| · **Effect on activated sludge organisms:** | |
|---|---|
| **55965-84-9 reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)** | |
| $EC_{50}$ / 3 h | 7.92 mg/l (OECD 209)<br>S 418 (b) |
| $EC_{20}$ / 3 h | 0.97 mg/l (OECD 209)<br>S 418 (b) |

· **Evaluation:** Depending on concentration, toxic effects on activated sludge organisms are possible.

· **12.2 Persistence and degradability**

| · **Rapid degradability of organic substances:** | |
|---|---|
| **55965-84-9 reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)** | |
| OECD 301 D Closed-Bottle-Test | > 60 %<br>S 200 (b) |
| OECD 308 Simulation Biodegradation Aqu Sed System | 1.82 - 1.92 d<br>S 617 (CIT) |

· **Evaluation:**
Substances are considered rapidly degradable in the environment if one of the following criteria holds true: if, in 28-day ready biodegradation studies, at least the following levels of degradation are achieved within 10 days of the start of degradation: 70% dissolved organic carbon or 60% oxygen depletion or carbon dioxide generation; (see GB CLP-Regulation Annex I section 4.1.2.9 and GB CLP Guidance version 4.1 Annex II.2).
Substances are considered rapidly degradable in the environment if the half-life of the primary biodegradation in aquatic simulation tests is maximum 16 days and the degradation products are not classified as hazardous.
Committee for Risk Assessment - RAC (Opinion of 10. March 2016): CIT/MIT not rapidly degradable. The classification is based on the opinion.

| · **Behaviour in sewage treatment plants:** | |
|---|---|
| **55965-84-9 reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)** | |
| OECD 302 B Zahn-Wellens Test | 100 %<br>S 2387 (b) |
| OECD 303 A: Activated Sludge Units | > 80 %<br>S 199 (b) |

(contd. on page 11)

# Safety Data Sheet

**according to 1907/2006/EC, Article 31**

printing date 29.03.2023 version number 34.0 revision: 29.03.2023

**Trade name: ACTICIDE CMG**

(contd. of page 10)

· **Evaluation:** The substances are biodegradable/eliminable in activated sludge units.

· **12.3 Bioaccumulative potential**

| · **Bioconcentration factor (BCF) / octanol/water partition coefficient (LogKow):** | |
|---|---|
| **55965-84-9 reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)** | |
| Bioconcentration factor BCF | 3.16 (calculated)<br>S 1177 |
| OECD 117 Log Kow Partition Coefficient | ≤0.71 (n-octanol/water)<br>S 5 |

· **Evaluation:** Not worth-mentioning accumulating in organisms

· **12.4 Mobility in soil** No further relevant information available.

· **12.5 Results of PBT and vPvB assessment**
· **Persistent, bioaccumulative and toxic substances (PBT):** none
· **Very persistent and very bioaccumulative substances (vPvB):** none
· **12.6 Endocrine disrupting properties**
Data on endocrine disrupting properties on the environment are not available.

· **12.7 Other adverse effects** none
· **Metals and their compounds (Directive 2006/11/EC):** None
· **European Water Framework Directive (2000/60/EC):**
The product does not contain any priority substances according WFD that require a water monitoring.
· **Absorbable organic halogen compounds (AOX - DIN EN ISO 9562 H 14):**
Can affect the AOX-value of the effluent water. The active ingredient is not persistent, it is degraded by separation of the chlorine atom.
Calculated AOX value: 0.26 %

* 

## SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**
· **Recommendation**
Hazardous waste. Separate waste disposal to be applied.
Appropriate disposal operations according to Directive 2008/98/EC on waste: D 10 Incineration on land

| · **European waste catalogue** | |
|---|---|
| 16 00 00 | WASTES NOT OTHERWISE SPECIFIED IN THE LIST |
| 16 03 00 | off-specification batches and unused products |
| 16 03 05* | organic wastes containing hazardous substances |
| HP8 | Corrosive |
| HP13 | Sensitising |
| HP14 | Ecotoxic |

(contd. on page 12)

# Safety Data Sheet

**according to 1907/2006/EC, Article 31**

printing date 29.03.2023 version number 34.0 revision: 29.03.2023

**Trade name: ACTICIDE CMG**

(contd. of page 11)

· **Contaminated packaging:**
· **Recommendation:**
Packaging can be reused or recycled after cleaning.
Cleaning liquid can be fed to a biological wastewater treatment plant.
Empty packaging must be reconditioned to be reused or recycled.
Uncleaned packaging must not be given to private consumers.
For further information concerning the return of packaging, please contact sds@thor.com

## SECTION 14: Transport information

· **14.1 UN number or ID number**
· **ADR, IMDG, IATA** UN3265

· **14.2 UN proper shipping name**
· **ADR, IATA** CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1))
· **IMDG** CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)), MARINE POLLUTANT

· **14.3 Transport hazard class(es)**

· **ADR**



· **Class** 8 (C3) Corrosive substances.
· **Label** 8

· **IMDG**



· **Class** 8 Corrosive substances.
· **Label** 8

· **IATA**



· **Class** 8 Corrosive substances.
· **Label** 8

(contd. on page 13)

# Safety Data Sheet

**according to 1907/2006/EC, Article 31**

printing date 29.03.2023 version number 34.0 revision: 29.03.2023

**Trade name: ACTICIDE CMG**

(contd. of page 12)

· **14.4 Packing group**
· **ADR, IMDG, IATA** III

· **14.5 Environmental hazards:**
· **Marine pollutant:** Yes
Symbol (fish and tree)
· **Special marking (ADR):** Symbol (fish and tree)

· **14.6 Special precautions for user** Warning: Corrosive substances.
· **Kemler Number:** 80
· **EmS Code:** F-A,S-B
· **Segregation groups** (SGG1) Acids
· **Stowage Category** A
· **Stowage Code** SW2 Clear of living quarters.

· **14.7 Maritime transport in bulk according to IMO instruments** Not applicable.

· **Transport/Additional information:**

· **ADR**
· **Limited quantities (LQ)** 5L
· **Excepted quantities (EQ)** Code: E1
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml
· **Transport category** 3
· **Tunnel restriction code** E

· **IMDG**
· **Limited quantities (LQ)** 5L
· **Excepted quantities (EQ)** Code: E1
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml

· **IATA**
· **Remarks:** Packing Instructions / max. net weight: Passenger aircraft: 852 / 5 L; Cargo aircraft: 856 / 60 L
· **UN "Model Regulation":** UN 3265 CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (REACTION MASS OF 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1)), 8, III, ENVIRONMENTALLY HAZARDOUS



(contd. on page 14)

# Safety Data Sheet

**according to 1907/2006/EC, Article 31**

printing date 29.03.2023 version number 34.0 revision: 29.03.2023

**Trade name: ACTICIDE CMG**

(contd. of page 13)

## SECTION 15: Regulatory information

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

· **Directive 2012/18/EU - Seveso III**
· **Named dangerous substances - ANNEX I** none
· **Qualifying quantity of dangerous substances for the application of lower-tier requirements:** 100 t
· **Qualifying quantity of dangerous substances for the application of upper-tier requirements:** 200 t
· **Regulation (EU) No 528/2012 - biocidal products:** relevant
· **REGULATION (EC) No 1907/2006 ANNEX XVII:**
Restrictions for the substance, the group of substances or the mixture: 3
· **REGULATION (EU) 2019/1148**

| · **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))** |
|---|
| None of the ingredients is listed. |

| · **Annex II - REPORTABLE EXPLOSIVES PRECURSORS** |
|---|
| None of the ingredients is listed. |

· **National regulations:**

· **Information about limitation of use:**
Take note of Directive 94/33/EC on the protection of young people at work.
Take note of Directive 92/85/EC on the safety and health of pregnant women at work.
· **Volatile organic carbons (VOC):**
· **Directive 2010/75/EU:**
This product does not contain relevant amounts of "Volatile Organic Compounds" (VOC).
· **Directive 2004/42/CE:** Maximum: 955 g/L.
· **SVOC and EU Ecolabel for indoor and outdoor paints and varnishes (Commission Decision 2014/312/EU):**
This product does not contain any Semi Volatile Organic Compounds.

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

*

## SECTION 16: Other information

This data is based on our current knowledge. However, it does not constitute a guarantee for any specific product feature nor does it establish a legally valid contractual relationship.

· **Relevant hazard statements:**
H301 Toxic if swallowed.
H310 Fatal in contact with skin.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H330 Fatal if inhaled.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

(contd. on page 15)

# Safety Data Sheet

**according to 1907/2006/EC, Article 31**

printing date 29.03.2023 version number 34.0 revision: 29.03.2023

**Trade name: ACTICIDE CMG**

(contd. of page 14)

EUH071 Corrosive to the respiratory tract.

· **Methods of evaluating information used for the purpose of classification:**
The classification includes the relevant available information about the mixture or the substances contained therein.
The evaluation of the available information within the scope of classification refers to the forms and aggregate states in which the mixture has been placed on the market and will be used most likely.

| | |
|---|---|
| Skin corrosion/irritation<br>Serious eye damage/irritation<br>Skin sensitisation<br>Hazardous to the aquatic environment - long-term (chronic) aquatic hazard | Calculation method |
| Hazardous to the aquatic environment - short-term (acute) aquatic hazard | Bridging principles |

· **Abbreviations and acronyms:**
EmS: Emergency Response Procedures for Ships Carrying Dangerous Goods
EN ISO: iso norm adopted as a European standard
DIN EN: European norm adopted as a German standard
OECD: Organisation for Economic Co-operation and Development
ECxx: Effect concentration, xx percent
NOEC: No Observed Effect Concentration
UN: United Nations
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
GB CLP: Classification, Labelling and Packaging.
IMO: International Maritime Organization
UK REACh: Registration, Evaluation, Authorisation and Restriction of Chemicals
U.S. EPA: United States Environmental Protection Agency
FIFRA: Federal Insecticide, Fungicide, and Rodenticide Act.
Acute Tox. 3: Acute toxicity – Category 3
Acute Tox. 2: Acute toxicity – Category 2
Skin Corr. 1C: Skin corrosion/irritation – Category 1C
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Skin Sens. 1: Skin sensitisation – Category 1
Skin Sens. 1A: Skin sensitisation – Category 1A
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

· **Key literature references and sources for data:**
Data source(s): Biocidal product dossier(s)
Own studies (reference to S-number).

· *** Data altered since the previous version.**