Safety data sheet
according to UK REACH

Printing date 13.06.2024 Version number 7 (replaces version 6) Revision: 20.05.2024

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

· **1.1 Product identifier**

· **Trade name: Multi Chlorine Tablets**
· **Registration number** Mixture
· **1.2 Relevant identified uses of the substance or mixture and uses advised against**
· **Product category** PC37 Water treatment chemicals
· **Application of the substance / the mixture** Disinfectant
· **Uses advised against**
Any use carrying a risk of direct contact with eyes/skin where workers are exposed without adequate personal protective equipment (PPE).
Processes involving the use of incompatible substances - refer to section 10.
Processes involving extreme heat use advised against.
Any use involving significant release of aerosol, vapour or dust in the breathing zone of workers where they are exposed without suitable respiratory protective equipment (RPE).
The product is intended exclusively for industrial and professional use.

· **1.3 Details of the supplier of the safety data sheet**
· **Supplier:**
SCP UK Ltd
Church Road, Crawley,
RH11 0PQ,
UK
Tel: +44 (0) 1293 546 126 (office hours)
email: eu.sds@poolcorp.com

· **Further information obtainable from:** Product safety department.
· **1.4 Emergency telephone number:**
Members of the public seeking specific information on poisons should contact:
In England and Wales: NHS 111 - dial 111
In Scotland: NHS 24 - dial 111

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SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**
· **Classification according to Regulation (EC) No 1272/2008**

Ox. Sol. 2	H272 May intensify fire; oxidiser.
Acute Tox. 4	H302 Harmful if swallowed.
Eye Dam. 1	H318 Causes serious eye damage.
STOT SE 3	H335 May cause respiratory irritation.
Aquatic Acute 1	H400 Very toxic to aquatic life.
Aquatic Chronic 1	H410 Very toxic to aquatic life with long lasting effects.

· **2.2 Label elements**
· **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the GB CLP regulation.

(Contd. on page 2)

Safety data sheet
according to UK REACH

Printing date 13.06.2024 Version number 7 (replaces version 6) Revision: 20.05.2024

Trade name: Multi Chlorine Tablets

(Contd. of page 1)

· **Hazard pictograms**

GHS03 GHS05 GHS07 GHS09

· **Signal word** Danger

· **Hazard-determining components of labelling:**
symclosene
Aluminium sulphate (anhydrous)
copper sulphate pentahydrate

· **Hazard statements**
H272 May intensify fire; oxidiser.
H302 Harmful if swallowed.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.
H410 Very toxic to aquatic life with long lasting effects.

· **Precautionary statements**

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P220	Keep away from clothing and other combustible materials.
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.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Additional information:**
EUH031 Contact with acids liberates toxic gas.
Contains biocidal products: symclosene, copper sulphate pentahydrate

· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

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SECTION 3: Composition/information on ingredients

· **3.2 Mixtures**

· **Description:** Mixture: consisting of the following components.

(Contd. on page 3)

Safety data sheet
according to UK REACH

Printing date 13.06.2024 Version number 7 (replaces version 6) Revision: 20.05.2024

Trade name: Multi Chlorine Tablets

(Contd. of page 2)

· **Dangerous components:**

CAS: 87-90-1 EINECS: 201-782-8 Reg.nr.: 01-2120767978-27-XXXX	symclosene Ox. Sol. 2, H272; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Acute Tox. 4, H302; Eye Irrit. 2, H319; STOT SE 3, H335, EUH031	50 – 100%
CAS: 10043-01-3 EINECS: 233-135-0 Reg.nr.: 01-2119531538-36-XXXX	Aluminium sulphate (anhydrous) Eye Dam. 1, H318	1 – 2.5%
CAS: 7758-99-8 EC number: 616-477-9	copper sulphate pentahydrate Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1); Acute Tox. 4, H302 ATE: LD50 oral: 481 mg/kg	1 – < 2.5%
CAS: 10043-35-3 EINECS: 233-139-2 Reg.nr.: 01-2119486683-25-XXXX	boric acid Repr. 1B, H360FD; Acute Tox. 4, H332	0.1 – < 0.3%

· **SVHC**

10043-35-3	boric acid

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

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SECTION 4: First aid measures

· **4.1 Description of first aid measures**
· **General information:**
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
· **After inhalation:** Supply fresh air; consult doctor in case of complaints.
· **After skin contact:**
Immediately rinse with water.
If skin irritation continues, consult a doctor.
· **After eye contact:**
Check for and remove any contact lenses.
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
· **After swallowing:**
Rinse out mouth and then drink plenty of water.
Do not induce vomiting; call for medical help immediately.
If vomiting occurs spontaneously, keep head below hips to prevent aspiration.
Call a doctor immediately.
· **Information for doctor:** Treat symptomatically and supportively.
· **4.2 Most important symptoms and effects, both acute and delayed**
Poisonous vapor (chlorine gas) is corrosive to respiratory passages and may cause irritation of mouth, nose, and throat.
· **Hazards** Danger of pulmonary oedema.

(Contd. on page 4)

Safety data sheet
according to UK REACH

Printing date 13.06.2024 Version number 7 (replaces version 6) Revision: 20.05.2024

Trade name: Multi Chlorine Tablets

(Contd. of page 3)

· **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

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SECTION 5: Firefighting measures

· **5.1 Extinguishing media**
· **Suitable extinguishing agents:**
Water spray
Use fire extinguishing methods suitable to surrounding conditions.
· **For safety reasons unsuitable extinguishing agents:**
Foam
ABC powder
Carbon dioxide
Water with full jet
· **5.2 Special hazards arising from the substance or mixture**
Strong oxidiser. Contact with combustible or flammable substances may cause fire.
If heated by outside source to temperatures above 240 °C (464 °F), this product will undergo decomposition with the evolution of noxious gases but no visible flame.
In case of fire, the following can be released:
Nitrogen oxides (NOx)
Hydrogen chloride (HCl)
Chlorine gas
Carbon monoxide (CO)
Cyanogen chloride
Phosgene gas
Sulphur Oxides (SOx)
Toxic metal oxide smoke
Boron compounds
Nitrogen trichloride (explosion hazard).
· **5.3 Advice for firefighters**
· **Protective equipment:**
Wear self-contained respiratory protective device.
Do not inhale explosion gases or combustion gases.
Wear fully protective suit.
· **Additional information**
Cool endangered receptacles with water spray.
Collect contaminated fire fighting water separately. It must not enter the sewage system.
Depending on wind direction, warn people of danger of inhalation, close doors and windows and get ventilation stopped. Approach from upwind.

*
SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**
Avoid formation of dust.
Ensure adequate ventilation
Wear protective equipment. Keep unprotected persons away.
· **6.2 Environmental precautions:**
Do not allow to penetrate the ground/soil.

(Contd. on page 5)

Safety data sheet
according to UK REACH

Printing date 13.06.2024 Version number 7 (replaces version 6) Revision: 20.05.2024

Trade name: Multi Chlorine Tablets

(Contd. of page 4)

Do not allow product to reach sewage system or any water course in the undiluted form.
Inform respective authorities in case of seepage into water course or sewage system.

· **6.3 Methods and material for containment and cleaning up:**
Pick up mechanically.
Every attempt should be made to avoid mixing spilled material with other chemicals or debris when cleaning up.
Send for recovery or disposal in suitable receptacles.
Do not flush with water or aqueous cleansing agents
DO NOT transport wet or damp material. Damp material should be neutralized to a safe state.
Ensure adequate ventilation.

· **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

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SECTION 7: Handling and storage

· **7.1 Precautions for safe handling**
Store in cool, dry place in tightly closed receptacles.
Provide suction extractors if dust is formed.
Do not refill residue into storage receptacles.
Avoid direct contact (skin/eye contact, ingestion and/or inhalation of fume/mist/dust) with the product in the undiluted form.
Never add water to the product. Always add product to large quantities of water.
Prevent formation of dust.
Do not mix with acids.
Rinse contaminated clothing with plenty of water (Fire hazard)

· **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Keep respiratory protective device available.
Substance/product can reduce the ignition temperature of flammable substances.

· **7.2 Conditions for safe storage, including any incompatibilities**
· **Storage:**
· **Requirements to be met by storerooms and receptacles:**
Store only in the original receptacle.
Prevent any seepage into the ground.
Do not store on combustible materials such as wooden floors or wooden pallets.

· **Information about storage in one common storage facility:**
Store away from flammable substances.
Do not store together with textiles.
Store away from reducing agents.
Do not store together with acids.
Store away from foodstuffs.

· **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.
· **Storage class:** 5.1 B
· **7.3 Specific end use(s)** No further relevant information available.

(Contd. on page 6)

Safety data sheet
according to UK REACH

Printing date 13.06.2024 Version number 7 (replaces version 6) Revision: 20.05.2024

Trade name: Multi Chlorine Tablets

(Contd. of page 5)

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SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**	
10043-01-3 Aluminium sulphate (anhydrous)	
WEL	Long-term value: 2 mg/m³

· **DNELs**		
87-90-1 symclosene		
Oral	Long-term systemic effects	1.14 mg/kg bw/day (general population)
Dermal	Long-term systemic effects	1.14 mg/kg bw/day (general population)
		2.28 mg/kg bw/day (worker)
Inhalative	Long-term systemic effects	1.98 mg/m³ (general population)
		8.04 mg/m³ (worker)
10043-01-3 Aluminium sulphate (anhydrous)		
Oral	Long-term systemic effects	1.9 mg/kg bw/day (general population)
	Short-term systemic effects	92.4 mg/kg bw/day (general population)
Dermal	Short-term systemic effects	23.35 mg/kg bw/day (general population)
		46.7 mg/kg bw/day (worker)
	Long-term systemic effects	855 µg/kg bw/day (general population)
		1,710 µg/kg bw/day (worker)
	Short-term systemic effects	441 µg/kg bw/day (general population)
		882 µg/kg bw/day (worker)
	Long-term local effects	441 µg/kg bw/day (general population)
		882 µg/kg bw/day (worker)
Inhalative	Long-term systemic effects	1.5 mg/m³ (general population)
		3 mg/m³ (worker)
	Short-term systemic effects	1 mg/m³ (general population)
		2 mg/m³ (worker)
	Long-term local effects	1.5 mg/m³ (general population)
		3 mg/m³ (worker)
	Short-term local effects	1 mg/m³ (general population)
		2 mg/m³ (worker)
10043-35-3 boric acid		
Oral	Long-term systemic effects	980 µg/kg bw/day (general population)
	Short-term systemic effects	980 µg/kg bw/day (general population)
Dermal	Long-term systemic effects	196 mg/kg bw/day (general population)
		392 mg/kg bw/day (worker)
Inhalative	Long-term systemic effects	4.15 mg/m³ (general population)
		8.3 mg/m³ (worker)

(Contd. on page 7)

Safety data sheet
according to UK REACH

Printing date 13.06.2024 Version number 7 (replaces version 6) Revision: 20.05.2024

Trade name: Multi Chlorine Tablets

(Contd. of page 6)

· **PNECs**

87-90-1 symclosene	
Freshwater	0.17 – 12,100 µg/L
Freshwater - Intermittent releases	1.7 – 6,550 µg/L
Marine water	1.52 mg/L
Sewage Treatment Plant	590 – 204,100 µg/L
Sediment (freshwater)	7.56 mg/kg
Sediment (marine water)	756 µg/kg
Soil	756 µg/kg
10043-01-3 Aluminium sulphate (anhydrous)	
Freshwater	4.5 mg/L
Freshwater - Intermittent releases	30.11 mg/L
Marine water	64 mg/L
Sewage Treatment Plant	60.2 mg/L
Sediment (freshwater)	10 mg/kg
Sediment (marine water)	31.4 mg/kg
Air	2 mg/m³
Soil	58 mg/kg
Secondary poisoning	150 mg/kg food
10043-35-3 boric acid	
Freshwater	2.9 mg/L
Freshwater - Intermittent releases	13.7 mg/L
Marine water	2.9 mg/L
Sewage Treatment Plant	10 mg/L
Soil	5.7 mg/kg

· **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**
· **Appropriate engineering controls** No further data; see section 7.
· **Individual protection measures, such as personal protective equipment**
· **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
Take note of assigned Workplace Exposure Limits.
Do not eat, drink, smoke or sniff while working.
A safe system of work must be formulated and followed to ensure safe working with this product. Relevant workers must receive suitable and sufficient training and supervision.
Do not breathe dust
Contaminated clothes are a fire hazard. Rinse with plenty of water.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
Ensure that eyewash stations and safety showers are close to the workstation location.

(Contd. on page 8)

Safety data sheet
according to UK REACH

Printing date 13.06.2024 Version number 7 (replaces version 6) Revision: 20.05.2024

Trade name: Multi Chlorine Tablets

(Contd. of page 7)

· **Respiratory protection:**
For nuisance exposures use type N95 (US) or type FFP2 (EU EN 149) face mask.
For higher level protection use type OV/AG/P99 (US) or type P3 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CE (EU).
Acid gas cartridges with N95 filters are required when fumes or vapor may be generated.
If respiratory protection is required, institute a complete respiratory protection program including selection, fit testing, training, maintenance and inspection.

· **Hand protection**

Protective gloves.
Use gloves tested and approved under appropriate government standards such as NIOSH (US) or EN374 (EU).

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**
Natural rubber, NR
Nitrile rubber, NBR
Neoprene gloves
Butyl rubber, BR
PVC gloves
Chloroprene rubber, CR
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

· **Penetration time of glove material**
Break-through time: >480 minutes
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye/face protection**

Safety glasses with side-shields conforming to EN166.
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

· **Body protection:**

Protective work clothing

Do not get on skin or clothing. Wear clothing and footwear that cannot be penetrated by the product. Suitable protective equipment may include: Chemical resistant boots, Chemical resistant apron, Full chemical protective suit with a hood, Chemical protective suit consisting of a jacket and trousers. The jacket should be buttoned up to the neck, sleeves sealed at the gloves, and trouser legs worn outside the boots. These precautions are required to prevent the clothing from accidentally trapping product against the skin.

· **Environmental exposure controls** Do not allow to enter drains, sewers or watercourses.
· **Risk management measures** The operators shall be instructed adequately.

(Contd. on page 9)

Safety data sheet
according to UK REACH

Printing date 13.06.2024 Version number 7 (replaces version 6) Revision: 20.05.2024

Trade name: Multi Chlorine Tablets

(Contd. of page 8)

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SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**	
· **General Information**	
· **Physical state**	Solid
· **Colour:**	White
· **Odour:**	Like chlorine
· **Odour threshold:**	Not determined.
· **Melting point/freezing point:**	225 – 240 °C
· **Boiling point or initial boiling point and boiling range**	Undetermined.
· **Flammability**	Product is not flammable.
· **Lower and upper explosion limit**	
· **Lower:**	Not determined.
· **Upper:**	Not determined.
· **Flash point:**	Not applicable.
· **Decomposition temperature:**	Not determined.
· **pH at 20 °C**	2.7 – 3 (1%)
· **Viscosity:**	
· **Kinematic viscosity**	Not applicable.
· **Dynamic:**	Not applicable.
· **Solubility**	
· **water at 25 °C:**	12 g/l
· **Partition coefficient n-octanol/water (log value) at 20 °C**	-1.31 log POW
· **Vapour pressure:**	Not applicable.
· **Density and/or relative density**	
· **Density at 20 °C:**	~ 2.5 g/cm³
· **Relative density**	Not determined.
· **Vapour density**	Not applicable.
· **9.2 Other information**	NOTE: The physical data presented above are typical values and should not be construed as a specification.
· **Appearance:**	
· **Form:**	Tablets
· **Important information on protection of health and environment, and on safety.**	
· **Ignition temperature:**	Not determined.
· **Explosive properties:**	Product does not present an explosion hazard.
· **Molecular weight**	232.41 g/mol
· **Change in condition**	
· **Evaporation rate**	Not applicable.
· **Information with regard to physical hazard classes**	
· **Explosives**	Void
· **Flammable gases**	Void
· **Aerosols**	Void
· **Oxidising gases**	Void
· **Gases under pressure**	Void
· **Flammable liquids**	Void

(Contd. on page 10)

Safety data sheet
according to UK REACH

Printing date 13.06.2024 Version number 7 (replaces version 6) Revision: 20.05.2024

Trade name: Multi Chlorine Tablets

(Contd. of page 9)

· **Flammable solids**	Void
· **Self-reactive substances and mixtures**	Void
· **Pyrophoric liquids**	Void
· **Pyrophoric solids**	Void
· **Self-heating substances and mixtures**	Void
· **Substances and mixtures, which emit flammable gases in contact with water**	Void
· **Oxidising liquids**	Void
· **Oxidising solids**	May intensify fire; oxidiser.
· **Organic peroxides**	Void
· **Corrosive to metals**	Void
· **Desensitised explosives**	Void

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SECTION 10: Stability and reactivity

· **10.1 Reactivity** No further relevant information available.
· **10.2 Chemical stability**
· **Thermal decomposition / conditions to be avoided:** Risk of explosion on heating.
· **10.3 Possibility of hazardous reactions**
Do not get water inside container. Wet material may generate nitrogen trichloride, an explosion hazard.
Reacts with strong alkali.
Reacts with amines.
Reacts with oxidising agents.
Strong exothermic reaction with acids.
Reacts with flammable substances.
Reacts with acids releasing chlorine.
Reacts with reducing agents.
· **10.4 Conditions to avoid**
Heat and static discharge.
Do not mix with other chemical formulations in their concentrated form.
· **10.5 Incompatible materials:** Substances specifically listed in section 10.3 as incompatible.
· **10.6 Hazardous decomposition products:**
Boron compounds
Chlorine
Cyanogen chloride
Nitrogen oxides (NOx)
Phosgene
Sulphur oxides (SOx)
Toxic metal oxide smoke

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SECTION 11: Toxicological information

· **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
· **Acute toxicity** Harmful if swallowed.

· **LD/LC50 values relevant for classification:**		
ATE (Acute Toxicity Estimates)		
Oral	LD50	419 mg/kg

(Contd. on page 11)

Safety data sheet
according to UK REACH

Printing date 13.06.2024 Version number 7 (replaces version 6) Revision: 20.05.2024

Trade name: Multi Chlorine Tablets

(Contd. of page 10)

87-90-1 symclosene		
Oral	LD50	406 mg/kg (rat)
10043-01-3 Aluminium sulphate (anhydrous)		
Oral	LD50	> 2,000 mg/kg (rat)
Dermal	LD50	> 5,000 mg/kg (rabbit)
Inhalative	LC50/4 h	> 5 mg/l (rat)
7758-99-8 copper sulphate pentahydrate		
Oral	LD50	481 mg/kg (ATE)
		481 mg/kg (rat)
Dermal	LD50	> 2,000 mg/kg (rabbit)
10043-35-3 boric acid		
Oral	LD50	> 2,000 mg/kg (rat)
Dermal	LD50	> 2,000 mg/kg (rat)
Inhalative	LC50/4 h	> 2.03 mg/l (rat)

· **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
· **Serious eye damage/irritation** Causes serious eye damage.
· **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
· **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** May cause respiratory irritation.
· **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.
· **Subacute to chronic toxicity:** Prolonged or repeated skin contact may irritate and cause dermatitis.
· **Additional toxicological information:**
ROUTES OF EXPOSURE: Can be absorbed into the body by inhalation and by ingestion.
Inhalation of decomposition products may cause lung oedema. The symptoms of lung oedema often do not become manifest until a few hours have passed and they are aggravated by physical effort. Rest and medical observation are therefore essential. Attention by a doctor should be considered.
Chronic copper poisoning in man is recognised in the form of Wilson's disease. Individuals with Wilson's disease are unable to metabolise copper. Thus, copper accumulates in various tissues and may result in liver, kidney and brain damage.
· **Acute effects (acute toxicity, irritation and corrosivity)**
EFFECTS OF SHORT-TERM EXPOSURE: The substance irritates the eyes, the skin and the respiratory tract. Corrosive on ingestion.
· **11.2 Information on other hazards**

· **Endocrine disrupting properties**
None of the ingredients is listed.

*
SECTION 12: Ecological information

· **12.1 Toxicity**
· **Aquatic toxicity:** No further relevant information available.
· **12.2 Persistence and degradability** No further relevant information available.

(Contd. on page 12)

Safety data sheet
according to UK REACH

Printing date 13.06.2024 Version number 7 (replaces version 6) Revision: 20.05.2024

Trade name: Multi Chlorine Tablets

(Contd. of page 11)

· **12.3 Bioaccumulative potential** Contains components with the potential to bioaccumulate.
· **12.4 Mobility in soil** No further relevant information available.
· **12.5 Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.
· **12.6 Endocrine disrupting properties**
The product does not contain substances with endocrine disrupting properties.
· **12.7 Other adverse effects**
· **Remark:** Very toxic for fish
· **Additional ecological information:**
· **General notes:**
Very toxic for aquatic organisms
Also poisonous for fish and plankton in water bodies.
Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water
Do not allow product to reach ground water, water course or sewage system, even in small quantities.
Danger to drinking water if even extremely small quantities leak into the ground.

*
SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**
· **Recommendation**
Recommended Hierarchy of Controls:
- Minimise waste;
- Reuse if not contaminated;
- Recycle, if possible; or
- Safe disposal (if all else fails).
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Contact waste processors for recycling information.
Used, degraded or contaminated product may be classified as hazardous waste. Anyone classifying hazardous waste and determining its fate must be qualified in accordance with state and international legislation.

· **Uncleaned packaging:**
· **Recommendation:**
Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.
Packagings that may not be cleansed are to be disposed of in the same manner as the product.
Do not mix with other waste streams.
Container remains hazardous when empty. Continue to observe all precautions.
Disposal must be made according to official regulations.
Containers, even those that are “empty,” may contain residues that can develop flammable and/or hazardous vapours upon heating. Do not cut, drill, grind, weld, or perform similar operations on or near empty containers.
· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

*
SECTION 14: Transport information

· **14.1 UN number or ID number**
· **ADR/RID/ADN, IMDG, IATA** UN2468

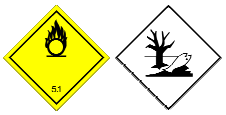
(Contd. on page 13)

Safety data sheet
according to UK REACH

Printing date 13.06.2024 Version number 7 (replaces version 6) Revision: 20.05.2024

Trade name: Multi Chlorine Tablets

(Contd. of page 12)

· **14.2 UN proper shipping name**	
· **ADR/RID/ADN**	UN2468 TRICHLOROISOCYANURIC ACID, DRY, ENVIRONMENTALLY HAZARDOUS
· **IMDG**	TRICHLOROISOCYANURIC ACID, DRY, MARINE POLLUTANT
· **IATA**	TRICHLOROISOCYANURIC ACID, DRY
· **14.3 Transport hazard class(es)**	
· **ADR/RID/ADN**	
· **Class**	5.1 (O2) Oxidising substances.
· **Label**	5.1
· **IMDG**	
· **Class**	5.1 Oxidising substances.
· **Label**	5.1
· **IATA**	
· **Class**	5.1 Oxidising substances.
· **Label**	5.1
· **14.4 Packing group**	
· **ADR/RID/ADN, IMDG, IATA**	II
· **14.5 Environmental hazards:**	Product contains environmentally hazardous substances: symclosene
· **Marine pollutant:**	Symbol (fish and tree)
· **Special marking (ADR/RID/ADN):**	Symbol (fish and tree)
· **14.6 Special precautions for user**	Warning: Oxidising substances.
· **Hazard identification number (Kemler code):**	50
· **Hazchem Code:**	1W
· **EMS Number:**	F-A,S-Q
· **Stowage Category**	A
· **Handling Code**	H1 Keep as dry as reasonably practicable
· **14.7 Maritime transport in bulk according to IMO instruments**	Not applicable.

(Contd. on page 14)

Safety data sheet
according to UK REACH

Printing date 13.06.2024 Version number 7 (replaces version 6) Revision: 20.05.2024

Trade name: Multi Chlorine Tablets

(Contd. of page 13)

· **Transport/Additional information:**

· **ADR/RID/ADN**	
· **Limited quantities (LQ)**	1 kg
· **Excepted quantities (EQ)**	Code: E2 Maximum net quantity per inner packaging: 30 g Maximum net quantity per outer packaging: 500 g
· **Transport category**	2
· **Tunnel restriction code**	E
· **IMDG**	
· **Limited quantities (LQ)**	1 kg
· **Excepted quantities (EQ)**	Code: E2 Maximum net quantity per inner packaging: 30 g Maximum net quantity per outer packaging: 500 g
· **UN "Model Regulation":**	UN 2468 TRICHLOROISOCYANURIC ACID, DRY, 5.1, II, ENVIRONMENTALLY HAZARDOUS

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SECTION 15: Regulatory information

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

· **Regulated explosives precursors**
None of the ingredients is listed.

· **Regulated poisons**
None of the ingredients is listed.

· **Reportable explosives precursors**
None of the ingredients is listed.

· **Reportable poisons**
None of the ingredients is listed.

· **Directive 2012/18/EU**
· **Named dangerous substances - ANNEX I** None of the ingredients is listed.
· **Seveso category**
P8
E1
· **Qualifying quantity (tonnes) for the application of lower-tier requirements** 50 t
· **Qualifying quantity (tonnes) for the application of upper-tier requirements** 200 t

· **National regulations:**

· **Substances of very high concern (SVHC) according to UK REACH**

10043-35-3	boric acid

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

(Contd. on page 15)

Safety data sheet
according to UK REACH

Printing date 13.06.2024 Version number 7 (replaces version 6) Revision: 20.05.2024

Trade name: Multi Chlorine Tablets

(Contd. of page 14)

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SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

· **Relevant phrases**
H272 May intensify fire; oxidiser.
H302 Harmful if swallowed.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H360FD May damage fertility. May damage the unborn child.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
EUH031 Contact with acids liberates toxic gas.

· **Training hints**
This product should only be handled by workers who have received sufficient training in the safe handling and use of chemical products.

· **Department issuing SDS:** Product safety department.

· **Abbreviations and acronyms:**
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
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
DNEL: Derived No-Effect Level (UK REACH)
PNEC: Predicted No-Effect Concentration (UK REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
ATE: Acute toxicity estimate values
Ox. Sol. 2: Oxidizing solids – Category 2
Acute Tox. 4: Acute toxicity – Category 4
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Repr. 1B: Reproductive toxicity – Category 1B
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
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

· *** Data compared to the previous version altered.**