



SAFETY DATA SHEET

SUPER COVCHLOR 1000 CHLORINE TABLETS

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

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

1.1. Product identifier

Product name SUPER COVCHLOR 1000 CHLORINE TABLETS
Product number 800-299-0001
Container size 6 x 200 tablets

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

Identified uses Cleaning agent. Disinfectant.

1.3. Details of the supplier of the safety data sheet

Supplier COVENTRY CHEMICALS LTD
 WOODHAMS RD
 SISKIN DRIVE
 COVENTRY
 CV3 4FX
 Tel: +44 (0) 02476639739
 Fax: +44 (0) 02476639717
 Email: sales@coventrychemicals.com

Contact person For content of safety data sheet: sds@coventrychemicals.com

1.4. Emergency telephone number

Emergency telephone +44 (0) 1865407333 (Strictly for emergencies only: incidents involving damage to human health and/or the environment)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

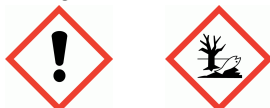
Classification

Physical hazards Not Classified
Health hazards Eye Irrit. 2 - H319 STOT SE 3 - H335
Environmental hazards Aquatic Chronic 1 - H410

Classification (67/548/EEC or 1999/45/EC) Xi;R36/37. O;R8. N;R50/53. R31.

2.2. Label elements

Pictogram



Signal word Warning

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Hazard statements	H319 Causes serious eye irritation. H335 May cause respiratory irritation. H410 Very toxic to aquatic life with long lasting effects.
Precautionary statements	P271 Use only outdoors or in a well-ventilated area. P273 Avoid release to the environment. P280 Wear eye protection. P337+P313 If eye irritation persists: Get medical advice/attention. P391 Collect spillage. P402+P404 Store in a dry place. Store in a closed container. P501 Dispose of contents/container to ...
Supplemental label information	EUH031 Contact with acids liberates toxic gas.
Contains	TROCLOSENE SODIUM

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

TROCLOSENE SODIUM	60-100%
CAS number: 2893-78-9	EC number: 220-767-7
M factor (Acute) = 1	M factor (Chronic) = 1
Classification Ox. Sol. 2 - H272 Acute Tox. 4 - H302 Eye Irrit. 2 - H319 STOT SE 3 - H335 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	Classification (67/548/EEC or 1999/45/EC) E;R2 O;R8 Xn;R22 Xi;R36/37 R31 N;R50/53
ADIPIC ACID	30-60%
CAS number: 124-04-9	EC number: 204-673-3
Classification Eye Irrit. 2 - H319	Classification (67/548/EEC or 1999/45/EC) Xi;R36

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Keep affected person under observation. Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.
Skin contact	Rinse immediately with plenty of water. Remove contaminated clothing. Get medical attention if irritation persists after washing.

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Eye contact Immediately flush with plenty of water for at least 15 minutes. Remove any contact lenses and hold eyelids open widely. Get medical attention. Show this Safety Data Sheet to the medical personnel.

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

Inhalation Solid material in tablet form, inhalation unlikely.

Ingestion Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract. May cause stomach pain or vomiting.

Skin contact Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.

Eye contact Irritating to eyes. Symptoms following overexposure may include the following: Redness. Pain.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor No specific recommendations.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Water spray.

Unsuitable extinguishing media Do not use: Dry chemicals. Carbon dioxide (CO₂). Halon. Potential for violent reaction.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products Fire or high temperatures create: Chlorine. Oxides of: Chlorine. Hydrogen chloride (HCl).

5.3. Advice for firefighters

Protective actions during firefighting Control run-off water by containing and keeping it out of sewers and watercourses.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Decontaminate fire fighting equipment and apparel after the incident using a 10% solution of sodium carbonate.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions For personal protection, see Section 8.

6.2. Environmental precautions

Environmental precautions Collect and dispose of spillage as indicated in Section 13. Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Provide adequate ventilation. Avoid the spillage or runoff entering drains, sewers or watercourses. Contain spilled material. Do not add water to spilled material. Sweep and scoop up all spilled material, contaminated soil and other contaminated material. Collect and place in suitable waste disposal containers and seal securely. Do not close drums containing wet or damp material. Do not transport wet or damp material.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Observe any occupational exposure limits for the product or ingredients. Avoid inhalation of vapours and spray/mists. Avoid contact with skin and eyes. Vapour space in a closed container may contain a slight amount of chlorine gas and compounds from decomposition of the product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Provide adequate ventilation. Do not eat, drink or smoke when using the product. Avoid contact with acids and other cleaning agents.

Advice on general occupational hygiene

Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using this product. Provide eyewash station. Wash promptly with soap and water if skin becomes contaminated. Wash contaminated clothing before reuse. Use appropriate skin cream to prevent drying of skin.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Store in tightly-closed, original container in a dry, cool and well-ventilated place. Protect from light. Store away from the following materials: Acids. Do not allow water to enter the container as it will react with the product. Keep out of reach of children. Store at temperatures not exceeding «Value in °C»°C/«Value in °F»°F.

7.3. Specific end use(s)

Specific end use(s)

The identified uses for this product are detailed in Section 1.2. Mix only with water. Do not mix with other cleaning chemicals

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Ingredient comments

In case of Chlorine emission, the WEL for Chlorine should be observed: Short Term Exposure Limit (STEL) 1 ppm / 2.9 mg/m³. Long Term Exposure Limit (LTEL) 0.5 ppm / 1.5 mg/m³.

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation.

Eye/face protection

The following protection should be worn: Chemical splash goggles. EN 166

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Polyvinyl chloride (PVC). Rubber (natural, latex). EN 374

Other skin and body protection

Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygiene measures

When using do not eat, drink or smoke. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Use appropriate skin cream to prevent drying of skin.

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn.

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Environmental exposure controls Avoid release to the environment.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Tablet
Colour	White/off-white.
Odour	Faintly of chlorine.
Odour threshold	Not applicable.
pH	pH (diluted solution): 5.0 - 6.0 (i tablet in 1 litre of water)
Melting point	Not applicable.
Initial boiling point and range	Not applicable.
Flash point	Not applicable.
Evaporation rate	Not determined.
Evaporation factor	Not applicable.
Vapour pressure	Not determined.
Vapour density	Not determined.
Relative density	Not applicable.
Bulk density	Not applicable.
Solubility(ies)	Soluble in water.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	Not applicable.
Viscosity	Not determined.
Explosive properties	Not relevant.
Explosive under the influence of a flame	Not considered to be explosive.
Oxidising properties	Not available. Sodium dichloroisocyanurate in an inert effervescent base has oxidising properties in the sense of the directive 91/69/EEC.
Comments	Information given concerns the solid substance.

9.2. Other information

Other information Not relevant.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Reacts with many inorganic and organic compounds

10.2. Chemical stability

Stability Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

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Possibility of hazardous reactions Will not polymerise.

10.4. Conditions to avoid

Conditions to avoid Avoid exposure to high temperatures or direct sunlight. Avoid heat, flames and other sources of ignition. Water, moisture.

10.5. Incompatible materials

Materials to avoid Strong acids. Avoid contact with strong reducing agents. Organic materials. Ammonium compounds.

10.6. Hazardous decomposition products

Hazardous decomposition products Chlorine. Hydrogen chloride (HCl). Chlorine oxides. Active ingredient decomposes at elevated temperatures. Above 250°C.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects Toxicology and Hazard Report was undertaken by the Russian Disinfection Research Institute on Sodium Dichloroisocyanurate in an effervescent base.

Other health effects There is no evidence that the product can cause cancer.

Acute toxicity - oral

Notes (oral LD₅₀) LD50 (oral-rat) = 1823 mg/kg for Sodium Dichloroisocyanurate in the pure form.

Acute toxicity - dermal

Notes (dermal LD₅₀) LD50 (dermal-rabbit) > 5000 mg/kg for Sodium Dichloroisocyanurate in the pure form

Acute toxicity - inhalation

Notes (inhalation LC₅₀) LC50 (inhalation-rat/4hrs) = 0.27-1.17 mg/l for Sodium Dichloroisocyanurate in pure form.

Skin corrosion/irritation

Animal data Moderately irritating.

Serious eye damage/irritation

Serious eye damage/irritation Severe irritation.

Respiratory sensitisation

Respiratory sensitisation No evidence found that material causes respiratory sensitisation

Skin sensitisation

Skin sensitisation Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vivo No known or reported effects.

Carcinogenicity

Carcinogenicity No known or reported effects.

Reproductive toxicity

Reproductive toxicity - fertility No known or recorded effects on reproductive function or foetal development

General information

This product has low toxicity. Should a single tablet be ingested, no short or long term effect should result, other than a mild upset stomach. Allowing for a two fold higher sensitivity for humans than rats, the likely lethal dose would be 63g Sodium Dichloroisocyanurate or 37 tablets for a 70kg adult. For a 12kg child 10g Sodium Dichloroisocyanurate or 6 tablets.

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Inhalation	Irritating to respiratory system. Dust in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Coughing.
Ingestion	Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.
Skin contact	Direct contact on dry skin with dry material is not irritating. Contact on damp skin or with wet material may cause irritation.
Eye contact	Irritating to eyes. May cause temporary eye irritation.

SECTION 12: Ecological Information

Ecotoxicity	The product contains a substance which is very toxic to aquatic organisms.
12.1. Toxicity	
Toxicity	Information for Sodium Dichloroisocyanurate Acid
Acute toxicity - fish	LC50, 96 hours, 96 hours: 0.13 - 0.36 mg/l, Onchorhynchus mykiss (Rainbow trout)
Acute toxicity - aquatic invertebrates	Reference: AISE report "Environmental classification of sodium hypochlorite containing bleach products.", 9 September 2009. EC ₅₀ , 48 hours: > 1 mg/l mg/l, Daphnia magna
12.2. Persistence and degradability	
Persistence and degradability	The materials used in this preparation will not persist in the environment. The product is degraded completely by hydrolysis. Reacts with organic substances in soil and sediments and degrades rapidly to chloride salts.
12.3. Bioaccumulative potential	
Bioaccumulative potential	The product is not bioaccumulating.
12.4. Mobility in soil	
Mobility	The product is water-soluble and may spread in water systems.
12.5. Results of PBT and vPvB assessment	
Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.
12.6. Other adverse effects	
Other adverse effects	None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information	Do not discharge into drains or watercourses or onto the ground.
Disposal methods	Do not put product into waste compactor. Contact with incompatible materials may cause a reaction and fire. Neutralise materials to a non-oxidising state for safe disposal. Dispose of via an authorised and appropriately licensed waste contractor. Packaging is recyclable. Wash out containers with water before disposal.
Waste class	EWC Code: 16 09 04

SECTION 14: Transport information

General	Export commodity code 3402 90 90
Road transport notes	Not classified. According to UN manual of Tests and Criteria, independant test.

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Rail transport notes Not classified.

Sea transport notes Not classified.

Air transport notes Not classified.

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk according to Not applicable.

**Annex II of MARPOL 73/78
and the IBC Code**

SECTION 15: Regulatory information

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

National regulations Control of Substances Hazardous to Health Regulations 2002 (as amended).

EU legislation Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Guidance COSHH Essentials.
ECHA Guidance on the Application of the CLP Criteria.
ECHA Guidance on the compilation of safety data sheets.

15.2. Chemical safety assessment

Currently we do not have information from our suppliers about this.

SECTION 16: Other information

Revision comments NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision date 28/05/2015

Revision 1

Supersedes date 04/10/2012

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Risk phrases in full

R2 Risk of explosion by shock, friction, fire or other sources of ignition.
R22 Harmful if swallowed.
R31 Contact with acids liberates toxic gas.
R36 Irritating to eyes.
R36/37 Irritating to eyes and respiratory system.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R8 Contact with combustible material may cause fire.

Hazard statements in full

H272 May intensify fire; oxidiser.
H302 Harmful if swallowed.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

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.