

# Kusuri Products Limited

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## SAFETY DATA SHEET CHLORAMINE T

Compilation date: 28/05/2015

Revision No: 1

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

#### 1.1 Product identifier

**Product name:** CHLORAMINE T 100g, 250g.

**CAS number:** 127-65-1

**Product code:** CHL1/CHL2

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

**Recommended use:** Aquatic fish medication for Koi Carp

**Not recommended:** For any other species

#### 1.3. Details of the supplier of the safety data sheet

**Company name:** Kusuri Products Limited  
12 Wentworth Road  
Heathfield Industrial Estate  
Newton Abbot  
Devon  
TQ12 6TL  
United Kingdom

**Tel:** +44 (0)1626 836600

**Fax:** +44 (0)1626 836700

**Email:** [kay@kusuri.co.uk](mailto:kay@kusuri.co.uk) QM

#### 1.4. Emergency telephone number

**Emergency Tel:** +44 (0)1626 836600

### Section 2: Hazards identification

#### 2.1. Classification of the substance or mixture

**Classification under CLP:** Skin Corr. 1B: H314; Acute Tox. 4: H302; Resp.Sens. 1: H334; -: EUH031 See section 16

**Most important adverse effects:** Contact with acids liberates toxic gas. Harmful if swallowed. Causes severe burns and eye damage. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

#### 2.2. Label elements

**Hazard statements:** EUH031: Contact with acids liberates toxic gas.

H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

**Signal words:** DANGER

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**Hazard pictograms:** GHS05: Corrosion, GHS07: Exclamation mark, GHS08: Health Hazard.



**Precautionary statements:** P261: Avoid breathing fumes/gas/mist/vapours/spray.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

### 2.3. Other hazards

**PBT:** This product is not identified as a PBT substance.

## Section 3: Composition/information on ingredients

### 3.1. Substances

**Chemical identity:** N-CHLORO-PARA-TOLUENE SULFONAMIDE SODIUM SALT  
**CAS number:** 127-65-1

## 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. Consult a doctor.  
**Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. 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.  
**Eye contact:** There may be irritation and redness. The eyes may water profusely.  
**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.  
**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.  
**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

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

**Immediate / special treatment:** N/A

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### Section 5: Fire-fighting measures

#### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. 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.

#### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers

#### 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** Transfer to a closable, labelled salvage container for disposal by an appropriate method.

#### 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 dust in the air.

#### 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Store in cool, well ventilated area below 15°C. Keep container tightly closed.

#### 7.3. Specific end use(s)

**Specific end use(s):** Aquatic fish medication for Koi Carp.

### Section 8: Exposure controls/personal protection

#### 8.1. Control parameters

**Workplace exposure limits:** N/A

#### 8.1. DNEL/PNEC Values

**DNEL / PNEC** No data available.

#### 8.2. Exposure controls

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

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**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency. Respiratory protective device with particle filler.

**Hand protection:** Protective Nitrile or Latex gloves. EN 374 (EU).

**Eye protection:** Eye protection, safety goggles. EN 166 (EU). 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:** Powder

**Colour:** Off-white

#### 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 listed below.

#### 10.4. Conditions to avoid

**Conditions to avoid:** Heat.

#### 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents. Strong acids.

#### 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes.

### Section 11: Toxicological information

#### 11.1. Information on toxicological effects

**Hazardous ingredients:** N-CHLORO-PARA-TOLUENE SULFONAMIDE SODIUM SALT

IVN	RBT	LDLO	25	mg/kg
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**Relevant hazards for substance:**

Hazard	Route	Basis
Acute toxicity (ac.tox.4)	ING	Based on test data
Skin corrosion/irritation	DRM	Based on test data
Serious eye damage/irritation	OPT	Based on test data
STOT-single exposure	INH	Based on test data

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### Symptoms / routes of exposure

- Skin contact:** There may be irritation and redness at the site of contact.
- Eye contact:** There may be irritation and redness. The eyes may water profusely.
- Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.
- Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.
- Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

### Section 12: Ecological information

#### 12.1. Toxicity

**Ecotoxicity values:** No data available.

#### 12.2. Persistence and degradability

**Persistence and degradability:** Biodegradable.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No bioaccumulation potential.

#### 12.4. Mobility in soil

#### 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT substance.

#### 12.6. Other adverse effects

**Other adverse effects:** Negligible ecotoxicity.

### Section 13: Disposal considerations

#### 13.1. Waste treatment methods

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

**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:** UN3263

#### 14.2. UN proper shipping name

**Shipping name:** CORROSIVE SOLID, BASIC, ORGANIC, N.O.S.  
(Chloramine T)

#### 14.3. Transport hazard class(es)

**Transport class:** 8

#### 14.4. Packing group

**Packing group:** II

#### 14.5. Environmental hazards

**Environmentally hazardous:** No

**Marine pollutant:** No

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### 14.6. Special precautions for user

**Special precautions:** No special precautions  
**Tunnel code:** E  
**Transport category:** 2

## Section 15: Regulatory information

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

**Manufacturers licence No:** SAM0002 under VMD regulations.

**COSHH:** Control of Substances Hazardous to Health (COSHH) Regulations 2002

**HSE:** Health and Safety at Work Act 1974.  
H.S.E. Guidance Note EH40 (Occupational Exposure Limits).  
Dangerous Substances and Explosive Atmospheres Regulations 2002.  
Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].  
Manual Handling Operations Regulations 1992

**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).  
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).  
Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.

### 15.2. Chemical Safety Assessment

**Chemical safety assessment:** A chemical safety assessment has been carried out.

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

**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.