

**SAFETY DATA SHEET**  
LONG LIFE WINTERISER COPPER BASED

**Page:** 1  
**Compilation date:** 03/10/2011  
**Revision No:** 1

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

**1.1. Product identifier**

**Product name:** LONG LIFE WINTERISER COPPER BASED

**Product code:** LLWINTCB

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

**Use of substance / mixture:** Control of Algae in Swimming Pool water.

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

**Company name:** Total Water Products Ltd  
Unit 6 Seaway Drive  
Seaway Parade Industrial Estate  
Baglan  
Port Talbot  
SA12 7BR  
United Kingdom.

**Tel:** 01639 823233

**Fax:** 0844 824 8908

**Email:** [wayne@totalwaterproducts.co.uk](mailto:wayne@totalwaterproducts.co.uk)

**1.4. Emergency telephone number**

**Emergency tel:** 01639 823233

**Section 2: Hazards identification**

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

**Classification under CHIP:** Xn: R22; -: R53

**Classification under CLP:** Acute Tox. 4: H302; Aquatic Chronic 4: H413

**Most important adverse effects:** Harmful if swallowed. May cause long-term adverse effects in the aquatic environment.

**2.2. Label elements**

**Label elements under CLP:**

**Hazard statements:** H302: Harmful if swallowed.

H413: May cause long lasting harmful effects to aquatic life.

**Signal words:** Warning

**Hazard pictograms:** GHS07: Exclamation mark

GHS09: Environmental



**SAFETY DATA SHEET**  
LONG LIFE WINTERISER COPPER BASED

Page: 2

**Precautionary statements:** P102: Keep out of reach of children.  
P273: Avoid release to the environment.  
P103: Read label before use.  
P264: Wash with plenty of water thoroughly after handling.  
P301+330+331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
P302+350: IF ON SKIN: Gently wash with plenty of soap and water.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P314: Get medical advice/attention if you feel unwell.  
P501: Dispose of contents/container to local/regional/national/international regulations.

**Label elements under CHIP:**

**Hazard symbols:** Harmful.  
Dangerous for the environment.



**Risk phrases:** R22: Harmful if swallowed.  
R53: May cause long-term adverse effects in the aquatic environment.

**Safety phrases:** S1/2: Keep locked up and out of the reach of children.  
S25: Avoid contact with eyes.  
S28: After contact with skin, wash immediately with plenty of water.  
S29: Do not empty into drains.

**Precautionary phrases:** Use biocides safely. Always read the label and product information before use.

**2.3. Other hazards**

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

**Section 3: Composition/information on ingredients**

**3.2. Mixtures**

**Hazardous ingredients:**

ETHANOL 2,2',2"-NITRILOTRIS, COPPERSALT

| EINECS | CAS        | CHIP Classification | CLP Classification  | Percent |
|--------|------------|---------------------|---|---------|
| -      | 31089-39-1 | Xn: R22; -: R52/53  | Acute Tox. 4: H302; Aquatic Chronic 3: H412; Acute Tox. 4: H312 | 1-10%   |

**Contains:** Mixture of substances listed above with non hazardous additions.

**Section 4: First aid measures**

**4.1. Description of first aid measures**

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes.

[cont...]

**SAFETY DATA SHEET**  
LONG LIFE WINTERISER COPPER BASED

Page: 3

**Ingestion:** Wash out mouth with water.

**Inhalation:** Consult a doctor.

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

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** No symptoms.

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

**Immediate / special treatment:** Not applicable.

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

**6.2. Environmental precautions**

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

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

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

**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**

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

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

[cont...]

**SAFETY DATA SHEET**  
LONG LIFE WINTERISER COPPER BASED

Page: 4

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

Specific end use(s): No data available.

**Section 8: Exposure controls/personal protection**

**8.1. Control parameters**

Workplace exposure limits: Not applicable.

**8.2. Exposure controls**

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Protective gloves.

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

**Skin protection:** Protective clothing.

**Section 9: Physical and chemical properties**

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

**State:** Liquid

**Colour:** Dark blue

**Odour:** Characteristic odour

**Solubility in water:** Miscible in all proportions

**Relative density:** 1.020- 1.030

**pH:** 8.00 - 8.50

**9.2. Other information**

Other information: Not applicable.

**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.

[cont...]

**SAFETY DATA SHEET**  
LONG LIFE WINTERISER COPPER BASED

Page: 5

**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

**Relevant effects for mixture:**

| Effect                   | Route | Basis                 |
|--------------------------|-------|-----------------------|
| Acute toxicity (harmful) | ING   | Hazardous: calculated |

**Symptoms / routes of exposure**

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** No symptoms.

**Section 12: Ecological information**

**12.1. Toxicity**

**Ecotoxicity values:** Not applicable.

**12.2. Persistence and degradability**

**Persistence and degradability:** Biodegradable.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No bioaccumulation potential.

**12.4. Mobility in soil**

**Mobility:** Readily absorbed into soil.

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

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

**12.6. Other adverse effects**

**Other adverse effects:** Negligible ecotoxicity.

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

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

**Section 14: Transport information**

**Transport class:** This product does not require a classification for transport.

**Section 15: Regulatory information**

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

[cont...]

**SAFETY DATA SHEET**  
LONG LIFE WINTERISER COPPER BASED

Page: 6

**15.2. Chemical Safety Assessment**

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

**Section 16: Other information**

**Other information**

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

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and 3:** H302: Harmful if swallowed.

H312: Harmful in contact with skin.

H412: Harmful to aquatic life with long lasting effects.

H413: May cause long lasting harmful effects to aquatic life.

R22: Harmful if swallowed.

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

R53: May cause long-term adverse effects in the aquatic environment.

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