

**SAFETY DATA SHEET (SDS)**

According to EC Directive 1907/2006 as amended by Regulation (EU) No 453/2010 &amp; 2015/830

**1. IDENTIFICATION OF SUBSTANCE & COMPANY IDENTIFICATION:**

- 1.1 Product **Control Plus RTU (Ready-To-Use)**  
Product Code SYC-4200750-C-PLUS, SYC-SWC-W225
- 1.2 Use Sporicidal High-Level Disinfectant (Cold Sterilant)/Cleaner for Invasive & Non-Invasive Medical Devices, Dental & Surgical Instruments, Flexible Endoscopes and Surfaces
- 1.3 Company:  
Address: Sychem Ltd  
Mayflower Close,  
Chandler's Ford  
Eastleigh  
SOUTHAMPTON, SO53 4AR  
UNITED KINGDOM
- Telephone: 0845 644 6824  
E-mail: sales@sychem.co.uk  
Web site: www.sychem.co.uk

**1.4 Emergency Information: TEL NUMBER +44 (0) 845 644 6824** (8.30am - 5.00pm Mon-Thurs,  
8.30am – 4.30pm Fri UK time)

**2. HAZARDS IDENTIFICATION.****2.1 Classification of the product (Substance or Mixture)****Classification:**

**Physical Hazards** None

**Health hazards** None

**Environmental hazards** Aquat Chronic 3; H412 Harmful to aquatic life with long lasting effects

**2.2 Label elements**

**Pictogram:** None

**Signal Word** None

**Hazard statements:** see 2.1

**GHS Precautionary Phrases**

P260 Do not breathe vapour, mist or spray

P264 Wash thoroughly after handling

P305+351+338: If in Eyes; Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332+313: If skin irritation occurs: Get medical advice

P337+313: If eye irritation occurs: Get medical advice

**2.3 Other hazards**

**PBT:** This product is not identified as a PBT/vPvB substance

**EMERGENCY OVERVIEW:**

Clear, colourless liquid. Non-flammable and will not support combustion

**3. COMPOSITION AND INFORMATION ON INGREDIENTS.**

**General description:** A blend of low foam, non-ionic surfactants, chelating agents and biocides

**3.2 Mixtures - Hazardous Constituents**

None

**3.3 Other Components**

Components not listed at section 3.2 are either non-hazardous or present at levels below that requiring detailed disclosure. Common sense precautions should be observed

**Ingredients according to EC Directive 648/2004 Annex VII (Detergents Directive)**

Less than 5% : polycarboxylate, non-ionic emulsifier, alcohol  
Disinfectants (Didecyldimethyl ammonium Chloride and Bis (3-aminopropyl) dodecylamine),

**4. FIRST AID****4.1 Description of First Aid measures:**

**General:** If you feel unwell seek medical advice (show this information or the container label where possible).

**Eye:** Irrigate with flowing water for at least 15 minutes. Seek medical attention if irritation or soreness persists.

**Skin:** After prolonged use, rinse affected area with water. In the unlikely event of irritation or soreness developing, seek medical advice. Launder contaminated clothing before re-use.

**Ingestion:** Do not induce vomiting, unless instructed to do so by medical personnel. Rinse mouth with water and drink 1 or 2 glasses of water or milk. Seek medical advice if discomfort persists.

**Inhalation:** Remove from exposure. Keep warm and at rest. If discomfort persists seek medical advice.

**4.2 Most Important Symptoms:**

**Contact with eyes:** Causes mild irritation and redness.

**Contact with skin:** Prolonged or repeated contact may cause mild irritation and redness that may lead to skin eczema if contact persists

**Ingested:** Ingestion of large amounts may cause irritation to mouth, throat and digestive system.

**Inhaled:** Mist or spray may cause slight irritation of the mucous membrane and the respiratory system

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

**Note to physician:** Treat by observation and supportive measures as indicated by the patient's condition.

No specific antidote.

**5. FIRE FIGHTING MEASURES.****5.1 Extinguishing Media**

**Suitable Extinguishing Media:** Not applicable

**Media to be avoided:** None

**5.2 Special Hazards present in the mixture**

**Special Hazards** No unusual fire or explosive hazards

**Hazardous combustion products:** During a fire, smoke may contain the original material in addition to unidentified toxic and/or irritating compounds. Hazardous combustion products may include and are not limited to:

Oxides of carbon and nitrogen

**5.3 Advice for firefighters**

**Protective actions during fire fighting:** In the event of an adjacent fire, cool containers with water spray. Prevent water used for extinguishing from entering drainage systems or soils

**Special protective equipment:** Wear protective clothing and self contained breathing equipment.

**6. ACCIDENTAL RELEASE MEASURES.****6.1 Personal protection, protective equipment and emergency procedures**

**Personal protection:** Avoid prolonged contact with the liquid. Protective clothing should be worn when dealing with any spillage.

**6.2 Environmental precautions:**

Do not allow to enter drains or the aquatic environment. or watercourses.

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

**Clean up:** Contain and absorb with inert material such as earth, sand or non-organic absorbent granules. Remove contaminated material to plastic containers and thence to a safe location for subsequent disposal.

Final traces or small spillages may be flushed away to foul sewer with plenty of water.

**6.4 Reference to other sections**

For personal protection see Section 8

For waste disposal see Section 13

**7. HANDLING AND STORAGE.****7.1 Precautions for safe handling**

**Usage precautions:** Avoid prolonged contact with skin and protect eyes. Avoid inhalation of mists or spray.

**Advice on general hygiene:** When using do not eat drink or smoke. Wash hands after use.

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

**Storage:** Do not store containers in open sunshine and keep away from heat. Store at a temperature between 5°C and 35°C. Keep container upright and closed when not in use.

**8. EXPOSURE CONTROL/PERSONAL PROTECTION.****8.1 Workplace exposure guidelines:**

STATE	Component	LTE (8h TWA)	STE (15 Minute TWA)	Comment
UK EH40:2007	2-Aminoethanol	1ppm (2.5 mg/m <sup>3</sup> )	3ppm (7.6 mg/m <sup>3</sup> )	Contains Skin notation to warn of danger of skin adsorption Component present at < 0.3% in the working solution

**DNEL for workers** To be advised

**8.2 Exposure controls:****Protective equipment**

**Engineering controls:** Good general ventilation should be sufficient for most conditions.

**Eye/face protection:** Use chemical goggles or face shield if pressure washing or the risk of splashes is a concern. Eyewash stations should be provisioned.

**Skin protection:** Use suitable protective clothing, gloves/coveralls, for periods of prolonged contact. Butyl or nitrile rubber gloves are suitable. Use aprons if splash protection is required during prolonged exposure.

**Respiratory protection:** Not normally required.

**Hygiene measures:** When using, do not eat, drink, or smoke. Wash hands after use

**9. PHYSICAL AND CHEMICAL PROPERTIES.****9.1 Information on basic physical and chemical properties**

Property		Typical Value
APPEARANCE		Clear colourless liquid
ODOUR		odourless
pH	@ 20 °C Neat	11.3
BOILING POINT	°C	100
EVAPORATION RATE	Butyl acetate = 1	Not applicable
VISCOSITY	mPas @ 20 °C	Not established
VAPOUR PRESSURE	mm Hg @ 20 °C (25 °C)	Not established
VAPOUR DENSITY	Air = 1	Not applicable
RELATIVE DENSITY	g/cm <sup>3</sup> @ 20 °C	1.00
SOLUBILITY	g/L @ 20 °C	Completely miscible
PARTITION COEFFICIENT	Log Pow (Octanol/water)	Not established
FLAMMABILITY	°C Open Cup, Explosivity - lower limit % - Upper limit % Auto ignition Temp, °C	None Not applicable Not applicable Not established
THERMAL DECOMPOSITION	°C	Not established

**9.2 Other Information**

No data

**10. STABILITY AND REACTIVITY****10.1 Reactivity** Stable**10.2 Chemical stability:** Stable under recommended storage and use conditions.**10.3 Possibility of hazardous reactions:** none known**10.4 Conditions to avoid:** Avoid high temperatures, heat.**10.5 Incompatible materials:** Do not mix with strong acids, oxidising agents**10.6 Hazardous decomposition products:** Does not decompose under normal use conditions**11. TOXICOLOGICAL INFORMATION:****11.1 Toxicological effects:**

Components:

No data		
---------	--	--

Mixture: No significant health hazard when properly used for the application it was designed for.

See section 4 for exposure symptoms

Not known to be a skin or respiratory sensitizer.

**Route of exposure:**

Dermal and eye contact, Ingestion or inhalation

**12. ECOLOGICAL INFORMATION.****12.1 Ecotoxicity**

No data		
---------	--	--

**12.2 Persistence and Degradability:**

Chelating agents are fully biodegradable according to appropriate OECD criteria. Main concern is the high alkalinity of the product should it enter surface drains or rivers, etc.

The surfactant(s) contained in this preparation comply with the biodegradability requirements as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the member states and will be made available to them, at their direct request or at the request of a detergent manufacturer.

**12.3 Bioaccumulative potential**

The product does not contain any substances that have potential for bioaccumulation.

**12.4 Mobility in Soil**

Product is miscible in water. No information on soil mobility

**12.5 PBT & vPvB Assessment**

Does not contain any PBT or vPvB substances

**12.6 Other adverse effects**

None known

**13. DISPOSAL CONSIDERATIONS.****General:** Do not discharge into surface drains, on the ground or into any body of water.**Disposal Methods:** All disposal methods must be in compliance with local laws and regulations (Regulations may vary in different locations.)

Disposal of solutions via the foul sewer will not cause any problems to waste treatment facilities.

For unused and uncontaminated product, the preferred disposal options include sending to a licensed, permitted recycler or reclaimer.

Packaging containers are recyclable. Rinse out well with water and send for recycling or dispose of in accordance with local authority requirements.

**14. TRANSPORT INFORMATION**

14.1 UN No:

14.2 Proper Shipping Name: Not Hazardous and not regulated for transportation

14.3 Hazard Classification:

14.4 Packaging Group:

14.5 Environmental Hazard

Marine Pollutant:

14.6 Special Provisions: Not applicable

14.7 Transport in Bulk (Marpol Annex II): Not established

Label for Carriage: None

**15. REGULATORY INFORMATION.****15.1 Safety, health and environment regulations/legislation specific for the substance/mixture**

This Safety Data Sheet is provided in compliance with the European REACH Directive (1907/2006/EC) and is in agreement with the GHS (Globally Harmonised System) for the classification and labelling of Dangerous Chemicals. This safety data sheet is distributed solely for the purpose of the Health and Safety at Work Act 1974; included under this heading is article 10 of Directive 88/379/EEC.

All components that make up this product are registered, or are not required to be listed, with:

EUROPEAN INVENTORY OF NEW AND EXISTANT CHEMICAL SUBSTANCES (EINECS), and

TOXIC SUBSTANCES CONTROL ACT (TSCA).

REACH – Regulation 1907/2006/EC, The raw materials used within this preparation have been pre-registered in accordance with the requirements of REACH

**Regulatory References:**

Regulation (EC) 1272/2008 on Classification, Labelling and Packaging.

UN Globally Harmonised System for Classification & Labelling GHS ST-SG-AC10-30

UK - Occupational Exposure Limits Guidance Note EH40

EU Detergents Directive 648/2004

**15.2 Chemical Safety Assessment**

A Chemical Safety Assessment has not been carried out for this product

**16. OTHER INFORMATION.**

The data contained in this data sheet is based on Sychem's present knowledge of the health and safety properties of the product and is believed to be accurate and given in good faith.

The physical and chemical properties are typical values only and do not constitute the specification of the product, which will be agreed separately.

The data given here only applies when product is used for proper application(s). The product is not sold as suitable for applications other than those identified at section 1, usage as such may cause risks not mentioned in this sheet.

It is for the customer to satisfy itself on the suitability of the product for its own particular purpose. Sychem gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded, except to the extent that law prevents such exclusion.

**Hazard Phrases used in Sections 3 and not stated at Section 2:**

None

The following definitions of terms and abbreviations that may be used within this document are:

NTP: National Toxicology Programme (US);

IARC: International Agency for Research on Cancer;

EINECS: European Inventory of New and Existent Chemical Substances;

OSHA: Occupational Safety & Health Administration (US);

OECD: Organisation for Economic Co-operation and Development;

ACGIH: American Conference of Governmental Industrial Hygienists;

CAS: Chemical Abstracts Number;

STOT SE Specific Target Organ Toxicity – Single Exposure

STOT RE Specific Target Organ Toxicity – Repeated Exposure

PBT: Persistent, Bio-accumulative and Toxic

vPvB: Very persistent and very bio-accumulative

OES: Occupational Exposure Standard.

TLV: Threshold Limit Value.

TWA: Time Weighted Average.

LTEL: Long Term Exposure Limit

STEL: Short Term Exposure Limit.

HSE: Health & Safety Executive (UK)

LEV: Local Exhaust Ventilation

It is the responsibility of the user to ensure safe working conditions. The health hazards and general information contained within this Material Safety Data Sheet are given as a guide to the precautions required to maintain a safe working environment.