

**SECTION 1:  
IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

**Product name: BIOCHEM**

**Other Names:** BIOCHEM LEMON  
BIOCHEM FRUIT

**Recommended Use:** A Multi fragrant Disinfectant Cleaner

**Product Code:** BIOL05 (5L) BIOL25 (25L) - LEMON  
BIOF05 (5L) BIOF25 (25L) - FRUIT

Company: CCS Chemicals (Aust) Pty Ltd. (A.C.N. 063 274 279)

Address: 263 – 265 Huntingdale Road, Huntingdale, Vic. 3166.

Telephone: 03 9544 9911

Facsimile: 03 9544 9922

**Emergency Telephone Number:**

Poisons Information Centre **131 126** (24 hours a day)

**SECTION 2:  
HAZARDS IDENTIFICATION**

**Not classified as hazardous by the criteria of NOHSC Australia.  
Not classified as Dangerous Goods according to the Australian  
Code for the Transport of Dangerous Goods by Road and Rail.**

**SECTION 3:  
COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	CAS number	Proportion
Benzalkonium Chloride	139-07-1	<10%
Non hazardous component(s)		to 100%

**SECTION 4:  
FIRST AID MEASURES**

**Eye (Contact):** If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.

**Skin (Contact):** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

**Inhalation (Breathing):** Remove to fresh air. Apply artificial respiration if not breathing.

**Ingestion (Swallowing):** For advice, contact a Poisons Information Centre (Phone e.g. Australia 131 126; New Zealand 0800 764 766) or a Doctor (at once). If swallowed do NOT induce vomiting. Wash out mouth with water then have victim drink copious amounts of water to dilute material in stomach.

**Advice to Doctor:** Treat symptomatically for neutral detergent.

**First Aid Facilities:** Eye wash station and clear running water.

**Additional Information:** No aggravated medical conditions are known to be caused by exposure to this product.

**SECTION 5:  
FIREFIGHTING MEASURES**

**Suitable Extinguishing Media:** Solution does not burn. Use extinguishing media suited to the materials that are burning. E.g. foam, dry chemical, CO<sub>2</sub> or water spray.

**Hazards from Combustion Products:** Carbon dioxide, carbon monoxide, nitrogen oxides and other toxic gases may be produced in the case of fire or during thermal decomposition.

**Precautions for Fire Fighters and Special Protective Equipment:** Determine the need to evacuate or isolate the area according to your local emergency plan. Keep containers cool with water spray.

**Additional Information:** **Hazchem Code** – Not applicable

**SECTION 6:  
ACCIDENTAL RELEASE MEASURES**



**Emergency Procedure:** SAA/SNZ HB76: Dangerous Goods – Initial Emergency Response Guide – Not applicable

**Spills / Clean Up:** Restrict access to area until completion of cleanup. Stop leak if safe to do so. Contain spill with absorbent material such as sand, vermiculite or other inert material. Prevent spill entering sewers or waterways. Collect and dispose of spilled material according to local regulations. Wash away remnants with copious amounts of cold water. Clean area by working from the outside of the spill to the centre or from the edge of the room to the centre.

**SECTION 7:  
HANDLING AND STORAGE**



**Precautions for Safe Handling:** Any non-authorized use of this product may result in personal injuries or property damage. Wear appropriate (PPE) protective equipment (refer to SECTION 8) when handling undiluted product. Avoid repeated or prolonged direct skin contact with this product to reduce the possibility of skin disorders. Ensure a high level of personal hygiene is maintained when using this product. That is, always wash hands before eating, drinking, smoking or using the toilet. Contact CCS Chemicals sales representative for advice when using this product for any application other than that outlined on the label or fact sheet. Do NOT mix with any other chemical.

**Conditions for Safe Storage:** Store in a cool, dry, well-ventilated area, out of direct sun light and away from incompatible materials (as described in SECTION 10). Store in original tightly sealed labelled containers at all times.

**SECTION 8:  
EXPOSURE CONTROLS / PERSONAL PROTECTION**

**National Exposure Standards** – Source: National Exposure Standards for Atmospheric Contaminants in the occupational environment [NOHSC: 1003].

Ingredient	CAS No	ES-TWA	ES-STEL
No available.			

**Biological Limit Values:** Not available.

**Engineering controls:** Not normally required.

**Personal Protective Equipment (PPE):**



**Eye/face protection** – Safety glasses or chemical resistant goggles should be worn to prevent eye contact when handling undiluted product, working above the face or any risk of splash back exists.

**Skin protection** – Use rubber gloves to prevent skin contact. Wear clothing and footwear suitable to prevent skin contact.

**Respiratory protection** – A respirator is not usually necessary, but if the product is being used in a confined area where mist is a problem, use a respirator suitable for organic vapours.

**SECTION 9:  
PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Clear pink liquid

**Odour:** Lemon or Fruit fragrance

**pH:** 6.0 –8.0

**Specific Gravity:** 0.995 +/- 0.005 @ 25°C

**Vapour Pressure:** 24 mm Hg @ 25°C

**Vapour Density:** Not Available

**Boiling Point:** 100°C

**Freezing Point:** 0°C

**Solubility:** Soluble in water.

**Flashpoint:** Not Applicable.

**Upper and Lower Flammable (explosive) Limits in air:** Not Applicable.

**Ignition Temperature:** Not Applicable.

**SECTION 10:  
STABILITY AND REACTIVITY**

**Chemical Stability:** Stable under normal ambient storage conditions.

**Conditions to avoid:** Avoid high temperatures (store below 30°C) and direct sunlight. Protect against physical damage.

**Incompatible materials:** None known. Do not mix with other chemicals.

**Hazardous decomposition products:** Thermal decomposition may result in the release of toxic and/or irritating fumes.

**Hazardous reactions:** None known.

**SECTION 11:**  
**TOXICOLOGICAL INFORMATION**

**ACUTE HEALTH EFFECTS**

**Swallowed:** May cause irritation to gastro-intestinal tract. May cause abdominal pain, nausea, vomiting and/or diarrhoea.

**Eye:** Will cause discomfort. May cause irritation and reddening.

**Skin:** Prolonged contact may cause redness, itchiness and irritation.

**Inhalation:** Inhalation of mists may cause irritation.

**CHRONIC HEALTH EFFECTS**

**Swallowed:** No effects known.

**Eye:** No effects known.

**Skin:** Repeated or prolonged exposure may cause allergic contact dermatitis.

**Inhalation:** No effects known.

**TOXICITY DATA**

**LD50 (Acute Oral Toxicity):** Not available.

**LD50 (Acute Dermal Toxicity):** Not available.

**LC50 (Acute Inhalation Toxicity):** Not available.

**Carcinogenicity:** Not available.

**SECTION 12:**  
**ECOLOGICAL INFORMATION**

**Ecotoxicity:** Avoid contaminating waterways. Not expected to be ecotoxic after dilution.

**Persistence / Degradability:** Not available.

**Mobility:** Not available.

**SECTION 13:**  
**DISPOSAL CONSIDERATIONS**

**Disposal of Containers:** Rinse empty containers thoroughly with water and recycle or place in trash collection.

**Disposal Method:** Dispose of in accordance with Local, State and Federal regulations at an approved waste disposal facility, or through a licensed chemical waste disposal company.

**SECTION 14:**  
**TRANSPORT INFORMATION**

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

**UN Number:** Not applicable.

**Proper Shipping Name:** Not applicable.

**Class and subsidiary Risk:** Not applicable.

**Packaging Group:** Not applicable.

**Special Precautions for User:** Not applicable.

**Hazchem Code:** Not applicable.

**SECTION 15:**  
**REGULATORY INFORMATION**

**Poisons Schedule (SUSDP):** Not applicable.

All ingredients used in this product are listed in the Australian Inventory of Chemical Substances (AICS).

**SECTION 16:**  
**OTHER INFORMATION**

**Date of preparation:** 3<sup>rd</sup> July 2007

For further information on any details described in this MSDS, please contact:

Technical Department – Technical Manager

CCS Chemicals (Aust) Pty Ltd

Head Office: (03) 9544 9911

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**END OF MSDS**