

# Material Safety Data Sheet

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Infosafe No. ACPLI

Issue Date: May 2007

ISSUED by SOUTHBIOL

**Product Name: BENEDICT'S SOLUTION**

Not classified as hazardous according to criteria of NOHSC

## COMPANY DETAILS

**Company Name** Southern Biological (ABN 25 838 926 933)  
**Address** 19-21 Worrell Street Nunawading Vic 3131 Australia  
**Tel/Fax** Tel: +61 3 9877 4597 Fax: +61 3 9894 2309

## IDENTIFICATION

**Product Name** BENEDICT'S SOLUTION  
**Proper Shipping Name** None Allocated  
**UN Number** None Allocated  
**DG Class** None Allocated  
**Packing Group** None Allocated  
**Hazchem Code** None Allocated  
**Poisons Schedule** Not Scheduled

## Physical Data

**Appearance** Light blue odourless solution  
**Melting Point** Not available  
**Boiling Point** Approximately 110-120°C  
**Vapour Pressure** Not available  
**Specific Gravity** 1.145  
**Flash Point** Not available  
**Flamm. Limit LEL** Not available  
**Flamm. Limit UEL** Not available  
**Solubility in Water** Soluble

## Other Properties

**Stability** Stable  
**Haz. Polymerization** Will not occur  
**Materials to Avoid** Strong oxidizers and acids

## Ingredients

<b>Ingredients</b>	<b><u>Name</u></b>	<b><u>CAS</u></b>	<b><u>Proportion</u></b>
	Ingredients determined not to be hazardous.		100%

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## HEALTH HAZARD INFORMATION

### Health Effects

- Acute - Swallowed** Ingestion may irritate the gastric tract causing nausea and vomiting.
- Acute - Eye** Eye contact may cause stinging, blurring and tearing.
- Acute - Skin** Skin contact may cause redness, itching and irritation.
- Acute - Inhaled** Inhalation of vapours or mists may generate the nose and throat.
- Chronic -** Prolonged or repeated skin contact may cause defatting leading to dermatitis.

## First Aid

- Swallowed** DO NOT INDUCE VOMITING. Wash out mouth with water and give plenty of water to drink. If symptoms develop seek medical attention.
- Eye** If contact with the eye(s) occurs, wash with copious amounts of water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. If symptoms persist seek medical attention.
- Skin** Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop seek medical attention.
- Inhaled** Remove the source of contamination or move the victim to fresh air. Ensure airways are clear and have qualified person give oxygen through a face mask if breathing is difficult. If symptoms develop seek medical attention.
- First Aid Facilities** Eye wash and normal washroom facilities.

## Advice to Doctor

- Advice to Doctor** Treat symptomatically.

## Other Health Hazard Information

## PRECAUTIONS FOR USE

- Exposure Limits** No exposure standards have been established for this material by the National Occupational Health and Safety Commission (NOHSC).
- Eng. Controls** Use with good general ventilation

## Personal Protection

- Respirator Type (AS 1716)** Not normally required. However, if engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable organic vapour filter should be used. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.
- Eye Protection** Safety glasses with side shields or goggles should be worn as described in Australian Standard AS/ANZ 1337 - Eye Protectors for Industrial Applications.
- Glove Type** Impervious PVC or rubber gloves should be worn.

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**Clothing** Suitable work wear should be worn to protect personal clothing, e.g. cotton overalls buttoned at neck and wrist.

**Work/Hygienic Practices** Ensure a high level of personal hygiene is maintained when using this product. Always wash hands before eating, drinking, smoking or using the toilet.

## Flammability

**Fire Hazards** This product may burn if exposed to fire.

## SAFE HANDLING INFORMATION

### Storage and Transport

**Storage Precautions** Store in a cool, dry, well-ventilated area away from incompatible materials. Keep containers tightly closed when not in use.

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

**ADG Proper Shipping Name** None allocated

## Spills and Disposal

**Spills & Leaks** Remove all sources of ignition. Increase ventilation. Wear appropriate breathing apparatus and full protective clothing to minimise skin and eye exposure. Place inert, non-combustible absorbent such as vermiculite, sand or dirt onto material. Collect the material and place into a suitable labeled container for subsequent disposal. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

**Disposal** Dispose of according to relevant local, state and federal government regulations.

## Fire/Explosion Hazard

**Fire/Explos. Hazard** This product may burn if exposed to fire.

**Hazardous Decomposition or Byproducts** Hazardous decomposition products include carbon dioxide, carbon monoxide, nitrous oxides, sulphur oxides and cyanides.

**Fire Fighting Procedures** Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode.

**Extinguishing Media** Use appropriate fire extinguisher for surrounding environment.

**Hazchem Code** None Allocated

**Conditions to Avoid** High temperatures and heat.

## OTHER INFORMATION

**Toxicology** No toxicology data available for this product.

**Contact** Southern Biological  
Peter Ball Ph: +61 3 9877 4597 (BH)  
0425 725 875 (AH)  
...End of MSDS...