

Product Name: Biocitrus

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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Product Name : Biocitrus

Chemical Family : Water-based cleaning solution

Supplier : Delichem Pte Ltd  
221 Henderson Road  
Henderson Building, #05-19  
Singapore 159557

Telephone : 65 – 6274 8193

Facsimile : 65 – 6274 8192

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2. COMPOSITION/INFORMATION ON INGREDIENTS

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Composition :

Main Ingredients :-	%
Butyl Glycol	<15
Ethoxylated alcohols	<25
Xylene Sulphonate	< 5
Sodium Metasilicate	< 2
Water	Balance

Remainder of ingredients not known to be hazardous.

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3. PHYSICAL AND CHEMICAL PROPERTIES

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Physical State : Liquid

Color : Light Yellow

Odor : Mild citrus

PH (3%) : 11.0 – 11.6

Specific gravity at 15°C : 1.03

Boiling point/range (°C) : 100

Melting point/range (°C) : Not applicable

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4. HAZARD IDENTIFICATION

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Health Hazards :

Skin Contact : May cause irritation

Eyes Contact : May cause irritation

Inhalation : May be irritating to the respiratory tract

Indigestion : May be harmful by ingestion

Physical and Chemical Hazards/Fire and Explosion Hazards: Non combustible liquid and non hazardous

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5. FIRST AID MEASURES

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Eyes : Irrigate immediately with copious quantities of water for several minutes

Skin : Wash thoroughly with soap and water or suitable skin cleanser as soon as possible

Inhalation : Use proper respiratory protection, immediately remove the victim from exposure

Ingestion : Obtain medical attention. DO NOT induce vomiting

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6. FIRE FIGHTING MEASURES

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Use water/foam spray, normally not known to be combustible

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**7. ACCIDENTAL RELEASE MEASURES**

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Contain and collect spillage using paper towel or suitable absorbent

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**8. HANDLING AND STORAGE**

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Handling : Avoid direct skin contact with liquid.  
To avoid the possibility of skin disorders, repeated or prolonged contact with products of this type must be avoided. It is essential to maintain a high standard of personal hygiene.

Storage : Ambient temperature

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**9. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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Avoid contact with eyes, skin or clothes. Do not ingest.  
Working procedures should be designed to minimize worker exposure to this product.

Personal Protective Equipment : Safety glasses. Plastic apron. Wear impervious gloves (e.g. of PVC), in case of repeated or prolonged contact.  
Change contaminated clothing and clean before re-use.

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**10. STABILITY AND REACTIVITY**

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Stability : Stable. Hazardous polymerization will not occur

Conditions to Avoid : Not applicable

Materials to Avoid : Strong oxidizing agents

Hazardous decomposition products : None

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**11. TOXICOLOGICAL INFORMATION**

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Eyes : Slightly irritating but does not injure eye tissue

Skin : Frequent or prolonged contact may cause significant irritation

Inhalation : Mist or vapor irritate respiratory tract

Ingestion : May cause irritation of the mouth and upper digestive tract

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**12. ECOLOGICAL INFORMATION**

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May be harmful to fish and other aquatic organisms.

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**13. DISPOSAL CONSIDERATIONS**

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Disposal must be in accordance with local and national legislation

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**14. TRANSPORT INFORMATION**

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This product is not regulated for road/rail, sea and air transport

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#### 15. REGULATORY INFORMATION

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Classification and Labelling: Non Regulated

Governing Directive :  
Occupational Safety and Health (Classification, Packaging and Labelling of Hazardous Chemicals)  
Regulations 1997

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#### 16. OTHER INFORMATION

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The data and advice given apply when the product is sold for the stated application or applications. Use of the product for applications other than as stated in this sheet may give rise to risks not mentioned in this sheet. You should not use the product other than for the stated application or applications without seeking advice from us.

Although product is considered a safe product, there are risks associated with the use of any chemical. By following the directions and warnings on this material safety data sheet, product labels and any bulletins referred to therein, the possibility for accidents can be greatly reduced, but never entirely eliminated. We make no warranties, expressed or implied. With respect to this product and expressly disclaims the warranty of merchantability and any warranty of fitness for a particular purpose. Users assume the risk in handling, using or storing this product, even if they do so in accordance with the information and instructions given. The information in this MSDS was obtained from sources, which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness.

Note: Product shelf life is 18 months.