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## SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

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### Identification of the substance or preparation

Product code : Norchem LC102/A  
Product name : Liquid Coagulant  
Chemical family : Water Treatment

**Product Description** : An aqueous solution of surface-active polymers

**Supplier** : Goldcrest Intl (S) Pte Ltd  
38 Tech Park Crescent Singapore  
638098  
Telephone: (65) 68626006  
Facsimile : (65) 68633665  
Email: [sales@goldcrest.com.sg](mailto:sales@goldcrest.com.sg)  
Website: [www.goldcrest.com.sg](http://www.goldcrest.com.sg)

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## SECTION 2 – HAZARDS IDENTIFICATION

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### GHS Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.  
This substance is not classified as dangerous according to Directive 67/548/EEC.

### GHS Label elements, including precautionary statements

This substance is not classified as dangerous according to Directive 67/548/EEC.

**Other hazards** – none

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## SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

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HAZARDOUS COMPONENTS

CONCENTRATION % by weight

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Nil

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## SECTION 4 - FIRST AID MEASURES

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### Description of first aid measures

#### General advice:

Consult a physician. Show this safety data sheet to the doctor in attendance.

#### If inhaled:

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

#### In case of skin contact:

Wash off with soap and plenty of water.

#### In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes as a precaution.

#### If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

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## SECTION 5 – FIRE-FIGHTING MEASURES

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### Extinguishing media

#### Suitable Extinguishing Media:

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

### Special hazards arising from the substance or mixture

Carbon oxides and sodium oxides

### Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

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## SECTION 6 - ACCIDENTAL RELEASE MEASURES

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### Personal precautions, protective equipment and emergency procedures:

Avoid breathing vapors, mist or gas.

### Environmental precautions:

Do not let product enter drains.

### Methods for containment and cleaning up:

Sweep up and shovel. Keep in suitable, closed containers for disposal.

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## SECTION 7 - HANDLING AND STORAGE

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### Precautions for Safe Handling:

Avoid contact with skin and eyes. Avoid formation of aerosols. Provide appropriate exhaust ventilation.

### Conditions for safe storage

Store the material in a cool place. Keep container tightly closed in a dry and well-ventilated place.

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## SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

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### Control parameters

### Components with workplace control parameters

### Exposure controls

### Appropriate engineering controls

General industrial hygiene practice.

### Personal protective equipment

### Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

### Skin protection

Handle with nitrile rubber gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

### Body protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

### Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels are desired, use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

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## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

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Physical state	: Solid at ambient temperature
Color	: Clear colorless
Boiling point	: ~ 103°C
Flash point	: Does not flash
Specific Gravity	: 1.020 ± 0.05
Evaporation Rate (Butyl acetate =1)	: ~90%
Solubility in water (% by weight)	: 100% Soluble
pH value at 25°C	: 8 – 9
Viscosity at 25°C	: 80 – 120 cp

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## SECTION 10 – STABILITY AND REACTIVITY

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**Stability:**

Stable under normal conditions of use and storage

**Possibility of hazardous reactions:**

No data available

**Incompatible Materials:**

Strong oxidizing agents.

**Hazardous Decomposition Products:**

Hazardous decomposition products formed under fire conditions. – Carbon oxides and sodium oxides.

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## SECTION 11 - TOXICOLOGICAL INFORMATION

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**Acute toxicity**

No data available

**Potential health effects**

**Inhalation** : May be harmful if inhaled. Causes respiratory tract irritation.

**Ingestion** : May be harmful if swallowed.

**Skin** : May be harmful if absorbed through skin. Causes skin irritation.

**Eyes** : May cause eye irritation.

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## SECTION 12 - ECOLOGICAL INFORMATION

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**Persistence and degradability**

No data available

**Environmental risks**

No data available

**SECTION - 13 DISPOSAL CONSIDERATIONS**

**Product**

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

**Contaminated packaging**

Dispose of as unused product.

**SECTION 14 - TRANSPORT INFORMATION**

UN number

ADR/RID: -

IMDG: -

IATA – DGR: -

UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA- DGR: Not dangerous goods

Transport hazard class

ADR/RID: -

IMDG: -

IATA – DGR: -

Packing group

ADR/RID: -

IMDG: -

IATA – DGR: -

Environmental hazards

ADR/RID: No

IMDG Marine pollutant: No

IATA - DGR: No

**SECTION 15 - REGULATORY INFORMATION**

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

**Notification status**

The components are on the inventory, or in compliance with the inventory of the following: AICS, DSL, ENCS, IECSC, ISHL, KECL, NZIoC and PICCS.

**x**

**SECTION 16 - OTHER INFORMATION**

The information contained herein relates only to the specific material identified. This information is accurate and reliable on the date of this safety data sheet, but no warranty or representation is made as to the accuracy, reliability or completeness of information. It is offered solely for your consideration, investigation and verification. Before using this product, read all information provided.