



# SAFETY DATA SHEET

**Cortrol IS4990**

Infosafe No.: GBZFN  
ISSUED Date : 28/02/2020  
ISSUED by: Suez Water Technologies &  
Solutions Pty Ltd

## 1. IDENTIFICATION

**GHS Product Identifier**

Cortrol IS4990

**Product Code**

G15072

**Product Type**

Oxygen scavenge

**Company Name**

Suez Water Technologies &amp; Solutions Pty Ltd (ABN 84 001 221 941)

**Address**

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1800 638 556 (Aus) 0800 154 666 (NZ)

**Recommended use of the chemical and restrictions on use**

Oxygen scavenge

## 2. HAZARD IDENTIFICATION

**GHS classification of the substance/mixture**

Eye Damage/Irritation: Category 2A

Skin Corrosion/Irritation: Category 2

**Signal Word (s)**

WARNING

**Hazard Statement (s)**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

**Pictogram (s)**

Exclamation mark

**Precautionary statement – Prevention**

P264 Wash contaminated skin thoroughly after handling.

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P280 Wear protective gloves/protective clothing/eye protection/face protection.

### Precautionary statement – Response

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P362 Take off contaminated clothing and wash before reuse.

### Precautionary statement – Storage

P404 Store in a closed container.

### Precautionary statement – Disposal

P501 Dispose of contents/container to be in compliance with local/regional/national/international regulations.

### Supplemental Information

HSNO code: 6.3A (Substances that are irritating to the skin)

HSNO code: 6.4A (Substances that are irritating to the eye)

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

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### Ingredients

Name	CAS	Proportion
Sodium Hydroxide	1310-73-2	0.5-<2 %
Components not classified as dangerous goods	N/A	Balance

## 4. FIRST-AID MEASURES

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### Inhalation

Move to fresh air

### Ingestion

Rinse mouth. Do not give anything to eat or drink.

### Skin

Take off immediately all contaminated clothing. Wash off immediately with plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.

### Eye contact

Rinse immediately with plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.

### Indication of immediate medical attention and special treatment needed if necessary

Not available

### Most important symptoms/effects, acute and delayed

Irritant effects

## 5. FIRE-FIGHTING MEASURES

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### Fire Fighting Measures

Use standard firefighting procedures and consider the hazards of other involved materials. Prevent spillage and fire-fighting water from entering in public sewers or the immediate environment.

### Suitable Extinguishing Media

Dry chemical, CO<sub>2</sub>, water spray or regular foam

### Unsuitable Extinguishing Media

Not available

### Special Protective Equipment for fire fighters

Self contained breathing apparatus.

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Protective clothing  
Protective gloves  
Helmet

### Specific Hazards Arising From The Chemical

Oxides of carbon and sulphur evolved in fire

### Decomposition Temperature

Not available

## 6. ACCIDENTAL RELEASE MEASURES

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## 7. HANDLING AND STORAGE

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### Precautions for Safe Handling

Avoid contact with skin and eyes

### Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Store in cool, well ventilated area. Protect from freezing.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### Occupational exposure limit values

No Exposure Limit Established

### Appropriate Engineering Controls

Adequate ventilation to maintain air contaminants below exposure limits

### Respiratory Protection

\*\* Avoid breathing of vapours, mists or spray. Select and use respirators in accordance with AS/NZS 1715/1716. When mists or vapours exceed the exposure standards then the use of the following is recommended: Half face-piece respirator with organic vapour (Type A) and dust/mist (Type P1) filters. Filter capacity and respirator type depends on exposure levels.

### Eye Protection

Safety goggles.

### Hand Protection

Neoprene gloves (Protection against unintentional short-term contact) Nitrile gloves (Protection against unintentional short-term contact)

### Body Protection

Protective clothing

### Other Information

Prevent from entering in public sewers or the immediate environment

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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### Form

Liquid

### Colour

Brown-black

### Odour

Mild

### Decomposition Temperature

Not available

### Boiling Point

102 degrees Celsius

### pH

pH (concentrated product) 9.6

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### Vapour Pressure

18 mm Hg

### Vapour Density (Air=1)

< 1 (Air = 1)

### Evaporation Rate

< 1 (Ether = 1)

### Physical State

Liquid

### Volatile Component

VOC 0 % (Calculated)

### Partition Coefficient: n-octanol/water

Not available

### Flash Point

>100 degrees Celsius P-M (CC)

### Flammability

Not applicable

### Auto-Ignition Temperature

Not applicable

### Flammable Limits - Lower

Not available.

### Flammable Limits - Upper

Not available.

### Explosion Limit - Upper

Not available.

### Explosion Limit - Lower

Not available.

### Explosion Properties

Not available

### Oxidising Properties

Not available

### Relative density

1.12 @ 21 degrees Celsius

### Melting/Freezing Point

Not available.

## 10. STABILITY AND REACTIVITY

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### Reactivity

Not available

### Chemical Stability

Material is stable under normal conditions

### Conditions to Avoid

Protect from freezing

### Incompatible materials

Avoid contact with strong acids

### Hazardous Decomposition Products

Oxides of carbon and sulphur evolved in fire

### Possibility of hazardous reactions

Not applicable

## 11. TOXICOLOGICAL INFORMATION

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### Toxicology Information

Product Test results

CORTROL IS4990 (Mixture)

Acute Dermal LD50 Rabbit: > 2000 mg/kg (Calculated according to GHS additivity formula)

Acute Oral LD50 Rat: > 2000 mg/kg (Calculated according to GHS additivity formula)

Components Test results

Sodium hydroxide (1310-73-2)

Acute Dermal LD50 Rabbit: 1350 mg/kg Acute Oral LD50 Rabbit: > 500 mg/kg

Acute toxicity: Not classified.

#### Ingestion

May cause irritation of the gastrointestinal tract.

#### Inhalation

Prolonged or excessive inhalation may cause respiratory tract irritation.

#### Skin

Causes skin irritation.

#### Eye

Causes serious eye irritation.

#### Skin corrosion/irritation

Causes skin irritation.

#### Serious eye damage/irritation

Causes serious eye irritation

#### Respiratory sensitisation

Not classified

#### Skin Sensitisation

Not classified

#### Germ cell mutagenicity

Not classified

#### Carcinogenicity

Not classified

#### Reproductive Toxicity

Not classified

#### STOT-single exposure

Not classified

#### STOT-repeated exposure

Not classified

#### Aspiration Hazard

Not classified.

## 12. ECOLOGICAL INFORMATION

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#### Ecotoxicity

No data available

#### Persistence and degradability

- COD (mgO<sub>2</sub>/g) 290

#### Mobility

Not available

#### Bioaccumulative Potential

Not available.

Partition coefficient n-octanol/water (log K<sub>ow</sub>) Not available.

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Bioconcentration factor (BCF) Not available.

### Other Adverse Effects

Not available

## 13. DISPOSAL CONSIDERATIONS

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### Waste Disposal

Dispose of contents/container to be in compliance with local/regional/national/international regulations

### Container Disposal

Dispose of contents/container to be in compliance with local/regional/national/international regulations

## 14. TRANSPORT INFORMATION

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### Transport Information

Not classified as a Dangerous Good for the purposes of road, rail, sea and air transport.

### U.N. Number

None Allocated

### UN proper shipping name

None Allocated

### Transport hazard class(es)

None Allocated

## 15. REGULATORY INFORMATION

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### Regulatory information

All components are exempt or listed in the Australian Inventory of Chemical Substances and the New Zealand Inventory of Chemicals.

### HSNO Approval Number

Group Standard - Corrosion Inhibitors - Subsidiary hazard HSR002549

## 16. OTHER INFORMATION

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### Other Information

Disclaimer:

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