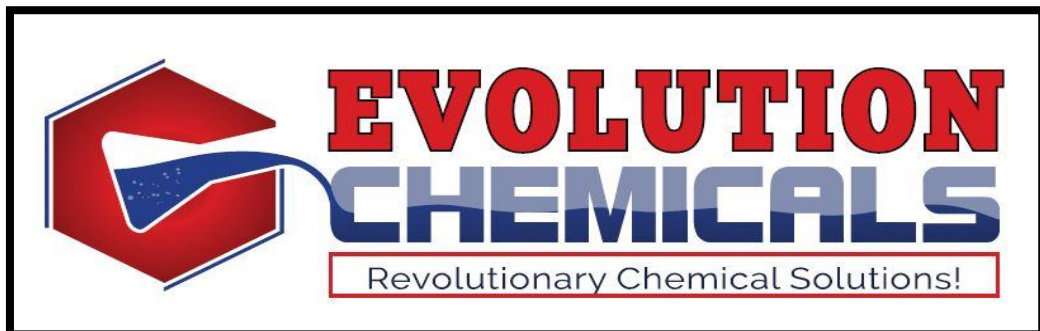


EVOLUTION CHEMICALS
PO BOX 11384
DORPSPRUIT
3206

REG: 2014/166781/07
VAT: 4850267248



Chemical Product Manufacturer! Chemical Solutions Specialists!

ATOM CHEMICALS (PTY) LTD t/a EVOLUTION CHEMICALS manufacturers of chemical based products and a chemical solutions specialists.

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION:

Evolution Chemicals

Product Name: CoviGone X19 (Disinfectant and Sanitizer)

Concentration Specified: Concentrated variation of CoviGone X19 solution is permitted to be dissolved in H₂O.

Dilution Specified: 20 litres of Concentrated CoviGone X19 makes 500 litres of CoviGone X19 solution.

Manufacturer Code: CG-X19

Use: Disinfectant and Sanitizer

Un Number: None Allocated

Shipping Name: None Allocated

Dangerous Goods Class: None Dangerous Goods

Subsidiary Risk: None Allocated

Packing Group: None Allocated

Hazchem Code: None Allocated

2. COMPOSITION / ADDITIONAL INFORMATION ON INGREDIENTS:

Fragrance

Isopropanol Alcohol (Dispersant)

Glutaraldehyde

Benzalkonium chloride

Filtered H₂O

3. HAZARD IDENTIFICATION:

HAZARD CATEGORY: NONE

Acute Health Effects on Concentrated CoviGone X19:

Ingestion: May Cause Irritation To Mouth, Throat And Stomach With Effects Including Mucous Build Up, Irritation To The Tongue And Lips And Pains In The Stomach.

Eye: May Cause Irritation To The Eyes, With Effects Including: Tearing, Pain, Stinging And Blurred Vision. Depending Upon Duration Of Exposure, Eye Damage May Occur.

Skin: May Cause Irritation To Sensitive Skin

Inhaled: None

Chronic: None

Acute Health Effects on Diluted CoviGone X19:

Ingestion: May Cause Irritation to Mouth, Throat And Stomach.

Eye: None

Skin: None

Inhaled: None

Chronic: None

4. FIRST AID MEASURES:

Concentrated CoviGone X19:

Swallowed: if swallowed, do not induce vomiting. If victim is conscious give water. If sickness persists transport to hospital or doctor immediately.

Eye: If material is splashed into eyes, immediately, flush with plenty of water for 15 minutes, ensuring eyelids are held open. If irritation persists transport to hospital or doctor.

Skin: If irritation occurs, rinse with water.

Advice To Doctor: Treat Symptomatically.

Diluted CoviGone X19:

Swallowed: If swallowed, do not induce vomiting. If victim is conscious give water. If sickness persists transport to hospital or doctor immediately.

Advice To Doctor: Treat Symptomatically.

5. FIRE – FIGHTING MEASURES

Concentrated CoviGone X19:

Fire/Explosion Hazard: Materials that will not burn

Fire Fighting Procedures: Non-Flammable

Extinguishing Media: Not applicable

Diluted CoviGone X19:

Fire/Explosion Hazard: Materials that will not burn

Fire Fighting Procedures: Non-Flammable

Extinguishing Media: Not applicable

6. ACCIDENTAL RELEASE MEASURES

Material may be slippery when spilt. Walk cautiously.

7. HANDLING AND STORAGE

Store in a cool place and out of direct sunlight.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Not applicable

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Light Blue liquid

Boiling Point: 100 degree Celsius

Vapour Pressure: Not Applicable

Specific Gravity: 1.01

Flash Point: Non flammable

Flammability Limits: Non flammable

Solubility in Water: Complete

Other Properties: pH 6-8

10. STABILITY AND REACTIVITY

Stability: Stable under Normal Conditions of Use.

Conditions For Safe Storage: Light Sensitive –Keep Away From Sunlight.

Hazardous Polymerization: Will Not Occur.

Incompatibilities: None.

Conditions to Avoid: None.

11. TOXICOLOGICAL INFORMATION

Concentrated CoviGone X19:

RISK PHRASES

Non-toxic

SAFETY PHRASES

Keep locked up and out of reach of children.

Avoid direct contact with eyes.

In case of contact with eyes, rinse immediately with plenty of water and contact a doctor.

12. ECOLOGICAL INFORMATION

Not applicable

13. DISPOSAL CONSIDERATIONS

Not applicable

14. TRANSPORT INFORMATION

UN Number: None allocated

Proper Shipping Name: None allocated

Dangerous Goods Class: None allocated

Subsidiary risk: None allocated

Packing Group: None allocated

Hazchem Code: None allocated

Not classified as a Dangerous Good

15. REGULATORY INFORMATION

None Allocated

16. OTHER INFORMATION

DISCLAIMER:

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