

**MATERIAL SAFETY DATA SHEET**

<b>PRODUCT: INSTROCLEAN</b>	<b>Version No.: INCL/2022-23/028</b>
<b>SHELF LIFE: 30 MONTHS.</b>	<b>PACK SIZE: 1 Ltr &amp; 5Ltr</b>

**1. Identification of the Product and Company**

Product Name: INSTROCLEAN

Use: Germicide, cleaning and disinfectant for surgical instruments.

Company Name & Contact Details

AMEYA FZC – SHJ – UAE

PH – 06 – 5526195

**2. Hazards Identification Hazard Classification:**

Hazard Classification: This product is not hazardous or dangerous Risk phrase(s): No component is present at sufficient concentration to require a hazardous classification Safety phrase(s): None allocated

**3. Composition/Information on Ingredients**

S. No	Material name	Concentration
01	Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	2.5 – 7%
02	Propan-1-ol	10-20%
03	Corosion Inhibitor	0.2%
04	Preservative	qs

**4. First Aid Measures Inhalation:**

**4.1 Description of first aid measures**

- First-aid measures general : Call a physician immediately.
- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
- First-aid measures after skin contact : Rinse skin with water/shower. Take off immediately all contaminated clothing.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
- First-aid measures after ingestion : Rinse mouth. Do not induce vomiting.

**4.2 Most important symptoms and effects, both acute and delayed**

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Symptoms/effects after skin contact : Burns.  
 Symptoms/effects after eye contact : Serious damage to eyes.  
 Symptoms/effects after ingestion : Burns.

### 4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## 5. Fire Fighting Measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.  
 Unsuitable extinguishing media : Strong water jet.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard : Flammable liquid and vapour.

Hazardous decomposition products in case of fire: Toxic fumes may be released. Carbon dioxide. Carbon monoxide. Hydrogen chloride. Nitrogen oxides.

### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.  
 Other information : Do not allow run-off from firefighting to enter drains or water courses.  
 Disposal must be done according to official regulations

## 6. Accidental Release Measure Contain

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures: Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid contact with skin and eyes. Do not breathe mist, vapours, spray.

#### 6.1.2. For emergency responders

Protective equipment: Do not attempt to take action without suitable protective equipment.  
 Environmental precautions

Prevent entry to sewers and public waters. Avoid sub-soil penetration. Notify authorities if product enters sewers or public waters.

### 6.2. Methods and material for containment and cleaning up

For containment : Collect spillage.

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Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters. Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal.

Refer to local Waste Management Authority Regulations for other approved methods.

### 7. Handling and Storage

#### 7.1. Precautions for safe handling

**Precautions for safe handling:** Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Avoid contact with skin and eyes. Do not breathe the mist, vapours, spray.

**Hygiene measures** : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product

**Storage conditions:** Store in a well-ventilated place. Keep cool. Keep container tightly closed.

### 8. Exposure Controls; Personal Protection Exposure Limits:

#### Appropriate engineering controls:

Ensure good ventilation of the work station. Emergency eye wash and safety showers should be available in the immediate vicinity of any potential exposure.

#### Hand protection:

Chemically resistant protective gloves. Gloves must be replaced after each use and whenever signs of wear or perforation appear

#### Eye protection:

Sealed safety goggles. Emergency eye wash should be available in the immediate vicinity of any potential exposure

#### Skin and body protection:

Wear suitable protective clothing.

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Wear a self contained breathing apparatus.

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### Environmental exposure controls:

Avoid release to the environment.

### Other information:

Avoid contact with skin and eyes. Do not eat and do not drink during use. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

## 9. Physical and Chemical Properties

Form: Liquid

Color: Blue

Odour: alcoholic

Specific Gravity: 0.96 – 0.99 @ 25°C

Refractive Index: Not available.

Optical Rotation: Not available.

pH: 25 °C 7.0 – 10

Solubility in Water: miscible.

Flash Point: Not applicable

## 10. Stability and Reactivity Information Conditions

### 10.1. Reactivity

Flammable liquid and vapour.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

### 10.5. Incompatible materials

Acids.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 11. Toxicological Information:

Acute toxicity (oral) : Not classified

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Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

### 12. Ecological Information

Eco-toxicity: None established. Avoid pollution to soil, rivers and the ocean. Persistence & Degradability: Low persistence level and readily biodegradable. Mobility: Low mobility in the soil. Bio-accumulative Potential: None established. Other Adverse Effects: None established.

### 13. Disposal Considerations

Do not discharge into drains or the environment, deposit to an authorized waste collection point. Disposal should be in accordance with local, state or national legislation.

### 14. Transport Information

Not Dangerous Goods according to criteria of the Australian Dangerous Goods Code for Transport by Road and Rail. Not to be transported with classes 1 [Explosives], 4.2 [Spontaneously Combustible Substances], 4.3 [Dangerous when wet substances], 5.1 [Oxidizing Agents], 5.2 [Organic Peroxides], 7 [Radioactive Substances], and Foodstuffs or Foodstuffs.

DG Class / Subsidiary Risk: Not allocated

IATA The product is not banned by IATA .

### 15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture: No data available

Chemical safety assessment: No data available.

### 16. OTHER INFORMATION

Knowledge and on national and community regulations.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof. It is recommended that the information contained in this safety data sheet is provided to the users, if necessary in an appropriate form. This information relates to the specifically designated product and may not be valid in combination with any another product. The product must not be used for applications other than those specified in heading 1 without having first obtained written handling instructions.