

MATERIAL SAFETY DATA SHEET- INSTRUBAC

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

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Product Name : INSTRUBAC BLUE
(Reg. No. Act 29GNR 529/247913/071/555)

Application: : Cold Sterilant

Address: : Bac Laboratories
P O Box 5749 Rivonia 2128
Telephone : 27 11 466 7813/0734424879 **Telefax:** 27 11 466 1900

2. COMPOSITION/INFORMATION ON INGREDIENTS

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Composition : Quarternary Ammonium Compounds, Buffer Agents, Sequestrant, Stabiliser, Wetting Agent, Fungicidal Agent.
Bactericidal Agent: 2 Long Chain Quarternary Compounds
The product is non-toxic, non-irritant, non-corrosive and non-staining. It contains no known carcinogenic agents and is aldehyde free.
Chemical Action (Biocidal): Bactericidal, Fungicidal and Virucidal.

3. HAZARDS IDENTIFICATION

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Normal safety measures apply to wearing of gloves and filtration masks as good practice.

4. FIRST AID MEASURES

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Eyes : Rinse repeatedly

Skin : Rinse and wash with soap

Ingestion : If swallowed do not induce vomiting but offer large volumes of water

Seek medical attention in all cases as good practice.

5. FIRE FIGHTING MEASURES

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Suitable Extinguishing Media : The product is non-combustible, use extinguishing media appropriate to surrounding fire.

Special Exposure Hazards : N/A

Special Protective Equipment : N/A

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions : Rinse affected areas with water.

Environmental Precautions : Dilute residual spill mop and dispose as below.

Decontamination Precautions : Small spillage; Mop spillage up. Medium to large spillage; Cover with absorbent material and dispose of material by burying or waste disposal as good practice.

7. HANDLING AND STORAGE

Handling : Retain product in prescribed containers as supplied. Do not puncture containers. Avoid spillage. Ensure normal ventilation.

Storage : Store in cool dry place. Ideal temperature gradient is 0 to 25 degrees Celsius. Shelf life of 2 years at 25 degrees Celsius. Store product on pallets or racks. Retain in original packaging. Containers to be tightly closed. Do not remove identity label. Avoid direct sunlight.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Occupational Exposure Limits : Avoid prolonged exposure.

Control measures : Use in normal ventilated areas. Follow directions for use, application and handling. Allow only trained personnel to control application.

Personal Protective Equipment : No special protective apparel required. As a precaution, use suitable gloves when handling undiluted product and during application of undiluted product. Non-woven filtration mask to be used with prolonged exposure to undiluted product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	: Liquid
Colour	: Blue
Odour	: Odourless
PH	: 6.80+/-0.2
Boiling Point/Range (°C)	: 100 °C at 760mm Hg
Flash Point	: Non-flammable
Autoflammability (°C)	: N/A
Oxidising Properties	: Non-corrosive
Density	: 1,01 at 25 °C
Solubility	: Completely soluble in water in all proportions.
Miscibility	: Completely miscible in water.

10. STABILITY AND REACTIVITY

Stability	: Stable for 2 years at 25 °C
Conditions to avoid	: Avoid direct sunlight.
Materials to avoid	: Anionic Chemical Compounds.
Hazardous Decomposition Products	: N/A

11. TOXICOLOGICAL INFORMATION

Health Effects	
On Eyes	: Minimal irritation.
On Skin	: Non-corrosive.
By Inhalation	: No side effects from normal exposure.
By Ingestion	: Non-toxic in small volumes.
Chronic	: Prolonged contact with skin may cause irritation.

12. ECOLOGICAL INFORMATION

Environmental Assessment	: Little detailed information is available on the ecological effects of this product.
Mobility	: Completely soluble in water.
Persistence and Degradability	: Readily biodegradable.
Bio-accumulative Potential	: N/A
Eco-toxicity	: Non-toxic.

13. DISPOSAL CONSIDERATIONS

Dispose of by burying or waste disposal of concentrated product as good practice.

Used/Contaminated Product : Dispose in effluent or utilize as disinfectant in hand basins, toilets or drains.

Packaging : Rinse and dispose.

14. TRANSPORT INFORMATION

No restrictions for road or air freight apply.

15. REGULATORY INFORMATION

Hazard Label Data : The product is not classified as hazardous.

Safety Phrases : Avoid prolonged contact with skin.
Avoid ingestion.
Avoid prolonged inhalation.
Avoid contact or contamination with eyes.
Seek medical attention in all cases as good practice.

EC Directives : Safety Data Sheets Directive, 91/155/EEC

Statutory Instruments : Health & Safety at Work etc Act 1974
Control of Substances Hazardous to Health Regs.
1964(SI 3246).

Codes of Practice : Waste Management. The Duty of Care

Guidance notes : Occupational Skin diseases: Health and Safety
Precautions (EH 26)
Occupational exposure limits (EH 40)

16. OTHER INFORMATION

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Disclaimer:

The recommendations contained herein are given in all good faith and are meant to guide the specifier or user. They are based on results gained from our tests and experiences and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and condition of fabric prior to application are beyond our control. Should a recommendation be of a GENERAL NATURE and not refer to any particular application of this product, then he should first confirm with the Technical Service Department that the product can be used for that application.

Since the product is manufactured only on receipt of official customer orders, it is essential to check availability and manufacturing lead times with us.

VALIDITY DATE: INSTRUBAC BLUE and the technology are continually being improved and developed. Therefore before putting this Technical Data Sheet into practical use, please confirm with us that it has not been superseded. We cannot accept ANY responsibility where this precaution has not been taken. Issue date: 9 October 2012.

