

Product Name: Gentworks Bio-Blue Microbiological Cleaner – Anti-Scale Formula

1. Identification of the Preparation and Company

Product: Gentworks Bio-Blue Microbiological Cleaner – Anti Scale Formula
Company: The Barn, Emmington, OXON, OX39 4AA
Tel: 01844 353044 Fax: 0870 400 1874

2. Composition

Hazardous Ingredient(s):	CAS NO:	%w/w:	Symbol:	R Phrases
Fatty alcohol ethoxylate	68439-46-3	< 2.5	Xn	R22, R41
Citric acid	77-92-9	< 2.5	Xi	R36
Hydroxyethylenediaminetriacetate	000139-89-9	2.5-10	Xi	R41
Non Hazardous Ingredients:				
Bacteria species (Non – pathogen)		< 2.5		
Trisodium 2-hydroxypropane – 1,2,3 – acid dihydrate		< 2.5		

3. Hazards Identification

Not classified as hazardous.

4. First Aid Measures

Inhalation	Mist may cause irritation to the respiratory tract. If affected, remove to fresh air, keep warm and at rest. In severe cases obtain medical help.
Skin Contact	May cause irritation. Immediately remove all contaminated clothing. Wash skin with soap and water. In severe cases obtain medical help.
Eye Contact	May cause slight irritation. Rinse thoroughly with plenty of water for 10-15 minutes. Obtain medical attention if irritation persists.
Ingestion	May cause irritation to the mouth, throat and digestive tract. Do not give anything by mouth to an unconscious person. Wash out with water and give copious amounts of water to drink. Do not induce vomiting. Seek medical advice if patient unwell.
Additional Information	Symptomatic treatment. Always launder contaminated clothing before re-use.

5. Fire Fighting Measures

Extinguishing Media: Water spray, foam, dry powder or CO₂
Fire Fighting Protection: Full protective equipment including self-contained respiratory protection.

6. Accidental Release Measures

Caution: Spillages will prove slippery. Transfer to a container for disposal under Local Authority Guidelines
Small spillage flush away with water. Avoid washings entering water courses.

7. Handling & Storage

Handling: Avoid eye contact and prolonged skin contact
Storage: Keep in original containers
Keep tightly closed when not in use
Store away from sparks, naked flames or sources of ignition
Do not store below 5^o C degrees or above 30^oC degrees

8. Exposure Controls / Personal Protection

Hazardous Ingredient(s)	LTEL (8Hr TWA) ppm mg m – 3	STEL (15 mins) ppm mg m – 3
Respiratory Protection:		
Hand Protection :	Wear suitable gloves	
Eye Protection:	Wear suitable goggles	
Skin Protection:	Wear suitable overalls	

9. Physical & Chemical Properties

Form:	Liquid	Colour:	Blue
Odour:	Mint	pH (Value)	4.5 approx.
Boiling Point	Not Available	Melting Point	Not Applicable
Flash Point:	Not Available	Flammable Limits	Not Available
Auto Ignition Temp.	Not Available	Oxidising Props.	Not Available

Vapour Pressures	Not Available	Density (g/ml)	1.020 approx.
Solubility (water)	Soluble	Solubility (other)	Not Applicable
Partition Coefficient	Not Available	Pour Point (Deg C)	Not Available
Viscosity	Not Available		

10. Stability & Reactivity

Conditions to Avoid Extremes of temperature
 Materials to Avoid Strong acids, alkalies and disinfectants
 Hazardous Reactions

11. Toxicological Information

Inhalation Mist may irritate the respiratory system
 Skin Contact May cause slight / mild irritation to sensitive skin or with prolonged contact
 Eye Contact May cause mild irritation
 Ingestion Mist may cause irritation to the mouth, throat and digestive tract
 May also cause nausea

12. Ecological Information

Biodegradable

13. Disposal Considerations

Dispose of under Local Authority Guidelines

14. Transport Information

UN No: **IMDG:** **CAO / IATA:** **ADR:**
Proper Shipping Name: **Marine Pollutant:**

15. Regulatory Information

Hazardous Ingredients(s): EEC Classification:
 Hazard Symbol: Risk Phrases:
 Safety Phrases: **S2 Keep out of reach of children, S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice, S46 If swallowed seek medical attention and show the container or label**

The information in this Safety Data Sheet is based upon knowledge available at the time of compilation. It is intended to describe the product only in terms of Health & Safety requirements. It does not signify any warranty with regard to specific properties or specifications.

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