

**1. IDENTIFICATION OF SUBSTANCE**

Gentworks Product Name: Bio-Fizz Tablets

Manufacturer: Scotmas Limited

**This Safety Data Sheet is issued by:**

Gentworks Ltd  
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**Emergency Telephone No:** 01844 353210 (office hours - 9am to 5:30pm Monday to Friday only)**2. COMPOSITIONAL INFORMATION ON INGREDIENTS**

A tablet containing organic and inorganic acids and non pathogenic micro organisms

Hazardous Ingredients	Substance	% by weight	Cas No	Hazard and safety phrase
	Citric acid	<50%	77-92-9	Xi R36
	Sulphamic acid	<20%	5329-14-3	XiR36/38 R52/53

**3. HAZARD IDENTIFICATION****Xi Irritant R36:** Irritating to eyes**4. FIRST AID**

**Eye Contact:** Causes irritation. Rinse eyes with water holding eyelids apart. Seek immediate medical advice if irritation persists.  
**Ingestion:** Rinse out mouth and give water to drink. Do not induce vomiting. Seek immediate medical advice.  
**Inhalation:** Remove to fresh air. If recovery is not complete after removal from exposure seek immediate medical advice.  
**Skin Contact:** Prolonged skin contact may cause slight irritation to sensitive skin. Remove contaminated clothing and rinse with soap and water. Organisms are non pathogenic but can cause infections when in contact with open wounds.

**5. FIRE FIGHTING MEASURES**

**Extinguishing Media:** Water, Carbon dioxide and dry powder or foam.  
**Fire Fighting Equipment:** Full protective clothing and self contained breathing apparatus must be worn.  
**Hazardous by-products:** Oxides of carbon may be evolved.

**6. ACCIDENTAL RELEASE**

Do not allow to enter water courses. Small spillages can be washed away with water. Protective clothing should be worn when dealing with large spillages, which should be swept and placed in labelled container for disposal. The residue can be washed away with large amounts of water to dilute. Product is biodegradable and does not represent an environmental risk in small quantities. Check local authority requirements for disposal of large quantities.

**7. HANDLING AND STORAGE PRECAUTIONS**

**Handling materials:** No danger from handling packaged material. Ensure containers remain sealed.  
**Storage conditions:** Store in cool dry conditions between 5°C & 30°C. Do not store in metal containers

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Engineering controls:** Not applicable.  
**Personal:** Limit exposure.  
**Protection:** Avoid contact with eyes  
**Equipment:** Gloves not normally required however they are recommended where prolonged contact with hands is likely.  
**General precautions:** Treat as with any chemical. Always wash hands thoroughly after use and before eating.

## 9. PHYSICAL PROPERTIES

<b>Form @25°C:</b>	Tablet	<b>Odour:</b>	Slight
<b>pH:</b>	Acidic in solution	<b>Appearance:</b>	Flecked tablet
<b>Boiling point:</b>	NA	<b>Relative density:</b>	
<b>Vapour pressure @ 20°C</b>	NA	<b>Solubility:</b>	Part soluble

## 10. STABILITY / REACTIVITY

<b>Stability:</b>	Stable
<b>Incompatibility:</b>	Avoid contact with zinc and galvanise steel. Strong alkalis may inactivate cultures
<b>Hazardous by products:</b>	None
<b>Hazardous polymerization:</b>	Will not occur

## 11. TOXICOLOGY

**Microbial formulation** - The product is formulated using a range of naturally occurring micro-organisms that are known to be non-pathogenic to humans or animals. These micro-organisms have not been genetically engineered in any way. The product has been shown to be free of Salmonella using procedures laid down by the AOAC & USDA.

The product is considered to be non-toxic. May cause irritation to sensitive skin, contact with open wounds may cause infection. May be harmful to aquatic environment in high concentrations.

## 12. ECOLOGICAL INFORMATION

<b>Biodegradability:</b>	The formulation is biodegradable.
<b>Accumulation:</b>	Not known to accumulate in the environment. The product is soluble and will disperse in the aquatic environment.
<b>Dispersal:</b>	May be harmful to aquatic environment in high concentrations

## 13. DISPOSAL CONSIDERATION

The product is biodegradable. Small quantities can be washed away using water.  
Local authority requirements should be checked before disposal of large quantities.  
Packaging can be recycled and should be disposed of according to local regulations to land fill or incineration

## 14. TRANSPORT INFORMATION

<b>UN No:</b>	None	<b>IMDG Code:</b>	Not classified
<b>ADR/RID:</b>	Not classified	<b>ICAO/IATA:</b>	Not classified
<b>Shipping name:</b>	None		

## 15. REGULATORY INFORMATION

### Supply Label Details

<b>Label Name:</b>	Bio-Fizz	
<b>Symbols:</b>	Xi-irritant	Classified as dangerous according to criteria laid down by council directive 1999/45/EC
<b>Risk Phrases:</b>	R36: Irritating to eyes S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.	
<b>Safety Phrases:</b>	None	

## 16. OTHER INFORMATION

UK LEGISLATIVE REFERENCE COSHH REGULATIONS AND RELEVANT GUIDANCE i.e. COSHH ESSENTIALS

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