

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

Product name : **BIOSOLVE™ PURGE**

Supplier : Vectair Systems Ltd
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EMERGENCY TELEPHONE NUMBER, for DOCTORS/FIRE BRIGADE/POLICE only:
Vectair Systems Limited : +44-1256-319500

1.2 Trading Name Biosolve Purge Sachets (FB-BIOPURGE)

2. HAZARD INFORMATION

Xi Irritant R36/38 Irritating to eyes and skin.

3. COMPOSITION / INFORMATION ON CONSTITUENTS

Composition : A powder containing organic acids and micro organisms.

52/53	Substance	% by weight	Cas No	Hazard and safety phrase
	Citric Acid	<60%	77-92-9	Xi R36
	Sulphamic Acid	<25%	5329-14-3	Xn R36/38

4. FIRST AID MEASURES

Eye Contact : Causes irritation. Rinse eyes with water holding eyelids apart. Seek immediate medical advice if irritation develops.

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 : Causes irritation. Remove contaminated clothing and rinse with soap and water. If irritation persists seek medical advice. Organisms are non pathogenic but can cause infections when in contact with open wounds.

5. FIRE FIGHTING METHODS

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 MEASURES

Small spillages can be washed away with water. Large spillages protective clothing should be worn, should be swept and placed in labelled container for disposal. The residue can be washed away. Product is biodegradable and does not represent an environmental risk in small quantities. Check local authority requirements for disposal of large quantities.

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7. HANDLING & STORAGE

- Handling** : No danger from handling packaged material. Ensure containers remain sealed. Gloves recommended when using material.
- Storage** : Store in cool dry conditions between 5°C and 30°C. Do not store in metal containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Engineering Controls** : Not applicable
- Personal** : Limit exposure.
- Eye Protection** : Avoid contact with eyes. Wear safety goggles classified as BS2092 En166.
- Hygiene** : Avoid contact with hands. Wear rubber gloves classified EN374.
Avoid prolonged contact with skin. Wear chemical protective clothing EN368
- General Precautions:** Treat as with any chemical. Always wash hands thoroughly after use and before eating.

9. PHYSICAL & CHEMICAL PROPERTIES

- Form @ 25°C** : Powder
- PH** : Approx 7.0
- Boiling Point** : No data
- Vapour Pressure @ 20°C:** No data
- Odour** : Odourless
- Appearance** : Blue Powder
- Relative Density** : 1.3-1.5 at 20°C
- Solubility in Water** : Dispersible

10. STABILITY & REACTIVITY

- Stability** : Stable.
- Incompatibility** : Avoid contact with zinc and galvanised steel. Strong alkalis may inactivate cultures
- Hazardous** : None.
- Hazardous Polymerization** : Will not occur.

11. TOXICOLOGICAL INFORMATION

- 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 and USDA. The product is considered to be non-toxic.
May cause irritation to sensitive skin, contact with open wounds.
May cause infection.

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12. ECOLOGICAL INFORMATION

Biodegradability : The formulation is biodegradable.
Accumulation : Not known to accumulate in the environment.
Dispersal : The product is soluble and will disperse in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

This 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

UN No: None
IMDG Code: Not Classified
ADR/RID: Not Classified
ICAO/IATA: Not Classified
Shipping Name: None

15. REGULATORY INFORMATION

Supply Label Details

Label Name : Biosolve™ Purge

Symbols : Xn – Harmful.
Classified as dangerous according to criteria laid down by Council Directive 1999/45/EC

Risk Phrases : R36/38 Irritating to eyes and skin

Safety Phrases : S24 Avoid contact with skin
S26 In case of contact with eyes rinse immediately with plenty of water and seek medical advice.
S37 Wear suitable gloves

16. OTHER INFORMATION

This safety data sheet takes into account the enactment of Council Directive 67/548, and its amendments/adaptations.

The information on this Material Safety Data Sheet, while believed to be reliable, is intended for use by skilled persons at their own risk. Vectair Systems Limited assumes no responsibility for events resulting or damages incurred from its use. The information on this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

The information is accurate to the best of our knowledge and is based on information which we consider is reliable. It is furnished without warranty.