

Health & Safety Data Information

1) Identification of the substance and company

Product Name: MycoDip water retaining polymer

Supplied by:

2) Composition & Information on Ingredients

Chemical Name: Anionic Polyacrylamide
Contains: Polymer
CAS No: 390-690-9
Hazardous: none

3) Hazards Identification

Non-hazardous.

4) First Aid Information

Exposure Route
Inhalation Remove from source of exposure to fresh air; seek medical attention if irritation develops/persists or breathing becomes difficult
Skin Contact Rinse with plenty of water. Take off contaminated clothing
Eye Contact Possible irritation and inflammation. Rinse with plenty of water. Seek medical advice.
Ingestion Seek medical advice if ill effects occur

5) Fire Fighting Measures

Flammable class: Non-flammable.
Prevention: Drench containers with water if exposed to fire.
Extinguishing media: Water mist, foam, carbon dioxide, dry powder. Avoid using water as product becomes very slippery when wet.
Hazards: In case of fire carbon monoxide, nitrogen oxides
Protective Firefighting Equipment: Self Contained positive pressure breathing apparatus, goggles, gloves, overalls and boots

6) Accidental Release Measures

Personal Precautions: Spilled product in contact with water or moisture causes surfaces to become extremely slippery. If Slipperiness remains, apply dry sweeping compound..
Do not wash excessive spillages into water courses
Environmental Precautions: Collect and flush small residuals with much water into the drain for subsequent biological waste effluent treatment

7) Handling & Storage

Handling: Use respiratory protection when exceeding limit (see chapter 8) and dust is formed
Storage: Do not use iron, copper or aluminium containers or equipment.

8) Exposure Controls / Personal Protection

Control Parameters: UK HSE EH40
Exposure Control 10 mg/m³ 8-hour TWA total inhalable dust
4 mg/m³ 8 hour TWA respirable dust

Personal Protection:
Respiratory: Not applicable
- Hand protection: Gloves (BS EN 374) that are rated for basic chemical handling BS EN 375 if continuous exposure possible.
- Skin protection: Wear overall and rubber boots (BS EN 465/466/467) when continuously handling the product
- Eye protection: Face shield (BS2092 G1) where there is a danger of splashing.

9) Physical & Chemical Properties

Physical state: Powder
Particle size: 200 – 200 um
Colour: Off white
Odour: odourless

pH value:	7.75 at 1.0 g/l
Initial boiling point (°C):	Not specified
Bulk Density:	-650 kg/m ³
Water Solubility:	At 20.0 °C Essentially Insoluble. Swells
Flash point (°C):	Not classified as flammable
Auto-ignition temperature (°C):	Not applicable
Solubility:	Not specified
Vapour Pressure:	<0 hPa at 20.0 °C

10) Stability & Reactivity

Thermal Decomposition:	>200 °C Stable under usual application conditions
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11) Toxicological Information

General toxicity:	This product has not been assessed for toxicological effect.
Rat oral LD50 (mg/kg):	>5000 mg/Kg Limit test
Rabbit dermal LD50 (mg/kg):	OECD Nr. 404
Rat inhalation LC50 (mg/l/4h)	>200 mg/kg Limit test

12) Ecological Information

Persistence and degradability:	Not Rapidly degradable under aerobic conditions
Climate Toxicity	EC50 Tetrahymena pyriformis 6000 mg/l : Exposure time 24.00 h
Bacterial Toxicity	EC50 Ps Putida mg/1 : Exposure time 24.00 h Method: OECD Nr 203
Fish Toxicity	LC50 Leuciscus idus – 3900 mg/1. Exposure time 96.00 h Method : OECD NR 203
Fish Toxicity	LC50 Brachydanio rerio – 5000 mg/l Exposure time 96.00 h Method : OECD Nr 203

13) Disposal Considerations

Product	Use Local Authority or licensed waste disposal contractor.
Containers	Rinse out and recycle.

14) Transport Information

Not assigned in :
The Road Traffic (Carriage of Dangerous Substances in Road Tankers and Tank Containers)
Regulations
The Road Traffic Carriage of Dangerous Substances in Packages Regulations

15) Regulatory Information

This product is classified and labelled in accordance with both regulation 2000/59/EC and The Fertiliser Regulations 1991

Supply Label Details :	Manufacturer's classification
Label Name :	Symbio Swell Gell
Symbols :	None
Risk Phrases :	R36 Irritating to Eyes R37 Irritating to Respiratory System R38 Irritating to Skin

Safety Phrases :	S2 Keep out of the reach of children. S8 Keep container dry. S13 Keep away from food, drink and animal foodstuffs. S20 When using, do not eat or drink. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36 Wear suitable protective clothing. S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label. S24 Avoid contact with skin. S25 Avoid contact with eyes S82 Spills are slippery when wet
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16) Other Information

The above information is based upon the state of our knowledge of the product and the information supplied by the manufacturer at the time of writing. No warranty is implied with respect to the quality or the product. The user should satisfy himself that the product is entirely suitable for the intended use.