



Company Details:

Waterwell Projects (PTY) LTD

Reg No. 2001/018862/07

Waterwell Projects (PTY) LTD
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MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

a. Identification of the substance or preparation :

- 1.1. **Trade / Commercial Name:** Waterwell Jelli Blue Gel Block (packed 140g)
- 1.2. **Chemical Name:** Gel formation of Non-ionic Polyacrylamide and cationic coagulant with acticide
- 1.3. **Formula:** Mixture – see composition
- 1.4. **Chemical Family:** Polymer Gel
- 1.5. **Synonyms:**
- 1.6. **UN No.** none allocated
- 1.7. **CAS No.**

b. Information of Distributor:

Watertronics International (PTY) LTD
PO Box 3784
Edenvale 1610
Tel: 083 626 6206 or 083 552 0738
Email: woodrich@polka.co.za

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	% w/w	Hazard classification	Risk phrases
Polyacrylamide powder	32%	None	
Monethylene Glycol	12%		
Blue Mix / MV actcive	1%		
Water	55%	None	

3. HAZARDS IDENTIFICATION

Based on available information, not classified as hazardous according to criteria of NOHSC;
NON-HAZARDOUS SUBSTANCE.

Not classified as Dangerous Goods for transport: NON-DANGEROUS GOODS.

Gel is extremely slippery when wet.

4. FIRST AID MEASURES

Swallowed

Rinse mouth with water. If swallowed, do NOT induce vomiting. Give large amounts of

water. Never give anything by the mouth to an unconscious patient. Seek medical advice.

Eye

If in eyes, wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

Skin

If skin contact occurs, remove contaminated clothing and wash skin with soap and water.

If irritation occurs, seek medical advice.

Advice to Doctor

Treat symptomatically based on judgement of doctor and individual reactions of patient.

Aggravated medical conditions caused by exposure

No information available on medical conditions aggravated by exposure to this product.

5. FIRE FIGHTING MEASURES

Extinguishing Media

Not combustible, however, if material is involved in a fire use fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder).

Hazards from Combustion Products

Non-combustible solid. Avoid generating dust.

Special Protective Precautions and Equipment for Fire Fighters

Clear fire area of all non emergency personnel. Stay upwind. Keep out of low areas. Eliminate ignition sources.

Move fire exposed containers from fire area if it can be done without risk. Do NOT allow fire fighting water to reach waterways, drains or sewers. Store fire fighting water for treatment.

Flammability Conditions

Product is a non-flammable solid

Additional Information

Hazchem Code

N/A

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures:

Isolate spill or leak area immediately.

Methods and materials for containment and clean up:

Slippery when spilt. Avoid accidents, clean up immediately.

Cover with damp absorbent material (sand, clay or wood shavings). Sweep or vacuum up.

Collect and seal in properly labelled containers or drums for disposal.

7. HANDLING AND STORAGE

Safety Phrases are: S26, S36. In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre. Wear suitable protective clothing.

Storage & transport:

No special storage and transport requirements. This product has no UN classification.

Observe all relevant regulations regarding sale, transport and storage of this class of product. Containers should be kept closed in order to minimise contamination. Keep from extreme heat and open flames, and make sure that the product does not come into contact with substances listed under "Materials to avoid" below.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls:

Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Avoid generating and breathing in dusts. Use with local exhaust ventilation or while wearing dust mask.

Keep containers closed when not in use.

Personal Protective Equipment:

The selection of PPE is dependent on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.

Orica Personal Protection Guide No. 1, 1998: E - OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES, DUST MASK.

Wear overalls, safety glasses and impervious gloves. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Brilliant Blue gel.
Odour :	No odour.
Decomposes at:	not applicable
Density:	2.5 g/cm ³
Solubility in water:	Soluble
pH:	6 - 8
Vapour pressure:	not applicable

10. STABILITY AND REACTIVITY

Chemical stability:	Stable.
Conditions to avoid:	Avoid contact with foodstuffs. Avoid exposure to moisture.
Incompatible materials:	No information available for the product.
Hazardous decomposition products:	No information available for the product.
Hazardous reactions:	Hazardous polymerisation will not occur

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion: No adverse effects expected, however large amounts may cause nausea and vomiting.

Eye contact: May be an eye irritant.
May cause physical irritation to the eyes.

Skin contact: Contact with skin may be slightly irritating.

Inhalation: Breathing in dust may result in respiratory irritation.

Long Term Effects: No information available for the product.

12. ECOLOGICAL INFORMATION

Ecotoxicity Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Use or reuse if possible.

Disposal methods: Refer to Waste Management Authority. Normally suitable for disposal at approved land waste site.

14. TRANSPORT INFORMATION

Not classified as Dangerous Goods for transport: NON-DANGEROUS GOODS.

The information herein is given in good faith and to the best of our knowledge at the current date. The accomplishment of the instructions herein does not exempt the user from following the legal and administrative regulations relative to product, environmental safety and hygiene, which are user's own responsibility. In case of mixture with other substances, ensure that other risks are not generated.

Date of Revision: 01 August 2014