



Safety Data Sheet - Safetygel™

Product: Safetygel™

SGPS100	Safetygel Sachet
SGSP250	Safetygel 250g Shaker Pot
SGTUB45	Safetygel Tub of Granules 4.5kgs
SGTUB15	Safetygel Tub of Granules 1.5kgs

1. Description: Super absorbent polymer in granular and tablet form for use in human waste receptacles, suction bottles and for managing aqueous spills. Please see note below on recommended doses.

Supplier: SafetyGel, PO Box 45, Manchester. M11 1XD

2. Composition: Super Absorbent Polymer – Sodium Polyacrylate

3. Identification of Hazards: CAUTION - MAY CAUSE BLOCKAGE OF THROAT AND AIRWAYS IF SWALLOWED. Supervision of some patients during use may be required. Risk assessments should be carried out locally to ensure compatibility with individual requirements and with other substances. As with all substances, inhalation of dust should be avoided. There is a danger of slipping if activated granules are not cleared away.

4. First Aid:

Ingestion DO NOT EAT. This product is non-toxic by oral route and is unlikely to be swallowed in sufficient quantities to cause harm. Rinse mouth ensuring as much of the material as possible is removed and then drink good quantities of water. If granules are accidentally eaten, seek medical attention.

Eye Contact This product is not an eye irritant. In the event of accidental eye contact, irrigate the eye with clean water. If irritation persists, seek medical advice.

Inhalation In the event of accidental inhalation, clear the blocked airways, allow individual to breathe normally in fresh air. Seek immediate medical attention if the blockage persists.

5. Fire Fighting:

Not flammable. Use appropriate fire extinguishing equipment for any fire in the vicinity.

6. Accidental release: Spillage of activated granules will create a potential slipping hazard. Vacuum or brush granules into a suitable container to dispose. Wash area with water and dry surface.

7. Handling and Storage: Store in cool, dry conditions with suitable ventilation. Avoid eating, drinking or inhaling whilst handling. Shelf life approximately 365 days from delivery if stored correctly.

8. Exposure Controls: Occupational - A safe working level of 0.05 mg/m³ has been established for superabsorbent polymer dust (<10 microns) by the German MAK commission.

9. Physical and chemical properties

Form: Granules

Colour: White

Odour: Odourless

pH value: Approx. 6.0

Bulk density: Approx. 700 kg/m³

Solubility in water: Insoluble, only capable of swelling (20 °C)

Hygroscopy: Hygroscopic

10. Stability and Reactivity: Stable at ambient temperature. Avoid wet or humid conditions and temperature extremes. Ensure sensible management of product. Incineration of the product releases carbon oxidation substances.

11. Toxicology:

Effect

On eyes Not a primary irritant

On skin No evidence of sensitization or irritation

Ingestion Non-toxic by oral route

Inhalation If no chronic inflammation, tumours (acute effect) not expected

12. Ecology:

Incinerate, landfill or flush to drainage system via toilets or slop hoppers. The product is not considered harmful to aquatic organisms nor to the environment in general.

13. Disposal:

Can be incinerated, macerated or emptied into a toilet or slop hopper.

Otherwise, dispose of in accordance with local conditions. **DO NOT TIP THE GELLED PRODUCT INTO WASHBASINS OR SINKS.**

14. Transport:

Not classified as hazardous under transport regulations (ADR RID ADNR IMDG/GGVSee ICAO/IATA)

15. Regulatory Information:

Regulations of the European Union (labelling)/National legislation/Regulations Directive 1999/45/EC ('Preparation Directive'): The product does not require a hazard warning label in accordance with EC directives.

16. Country of Origin

United Kingdom

The above information is accurate to the best of our knowledge and understanding and is provided entirely in good faith. This information does not stand as a substitute for the user's own requirements to assess the risks in use as required by health and safety regulations and by local conditions.

Note: Doses recommended for use in different types of liquid

<i>Disposable and reusable human waste receptacles</i>	<i>1 sachet per 600ml fluid</i>
<i>Suction bottle – saline, no heavy blood content</i>	<i>20g powder per litre</i>
<i>Suction bottle – high blood content or glycine</i>	<i>35g powder per litre</i>
<i>Suction bottle – high blood content heparin present</i>	<i>45g powder per litre</i>
<i>Spillages</i>	<i>4-6g powder per 650ml fluid</i>

(n.b. not effective when used in the presence of Chlorohexidine or Mercury)