

Document Title:

Product:

Revision:

Date:

Safety Data Sheet - GB

Absorbent Granules

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31/03/2026



Safety Data Sheet

according to UK REACH (SI 2020/1577) as amended

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Trade name: Absorbent Granules

Registration Number: Mixture

1.2 Relevant identified uses of the substance or mixture and uses advised against

Product Category: PC20 Processing aids such as pH regulators, flocculants, precipitants, neutralisation agents

Application of the substance / the mixture: Absorbent

Uses advised against: Any use not specified above

1.3 Details of the supplier of the safety data sheet

Reliance Medical Ltd
West Avenue, Talke
Stoke on Trent, Staffordshire
ST7 1TL, United Kingdom

Tel: +44 8456 448808

Email: sales@reliancemedical.co.uk

Further information obtainable from: Product Safety Department

1.4 Emergency telephone

Members of the public seeking specific information on poisons should contact:

In England and Wales: NHS 111 - dial 111

In Scotland: NHS 24 - dial 111

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to GB CLP: The product is not classified according to the GB CLP regulation

2.2 Label elements

Labelling according to GB CLP: Not applicable

Hazard pictograms: Not applicable

Signal Word: Not applicable

Hazard statements: Not applicable

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

Determination of endocrine disrupting properties: Not applicable

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SECTION 3. COMPOSITION/ INFORMATION ON INGREDIENTS

- 3.1 Substance** Not Applicable
- 3.2 Mixtures**
- Description: A mixture of polymers with multifunctional additives.
The ingredients are not classified as hazardous or are below disclosure limits.
- Dangerous components: Not applicable

SECTION 4. FIRST AID MEASURES

- 4.1 Description of first aid measures**
- General information: Immediately remove any clothing soiled by the product.
- After inhalation: Supply fresh air; consult doctor in case of complaints.
- After skin contact: Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.
- After eye contact: Check for and remove any contact lenses.
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- After swallowing: Wash mouth out with water.
If symptoms persist consult doctor.
- Information for doctor: Treat symptomatically and supportively.
- 4.2 Most important symptoms and effects, both acute and delayed**
No further relevant information available
- 4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available

SECTION 5. FIREFIGHTING MEASURES

- 5.1 Extinguishing media**
- Suitable extinguishing agents: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Use fire extinguishing methods suitable to surrounding conditions.
- For safety reasons unsuitable extinguishing agents: Water with full jet
- 5.2 Special hazards arising from the substance or mixture**
- In case of fire, the following can be released: Carbon monoxide and carbon dioxide
Sulphur Oxides (SO_x)
Toxic metal oxide smoke
As with most organic solids, fire is possible at elevated temperatures or by contact with an ignition source.
- 5.3 Advice for firefighters**
- Protective equipment: Wear self-contained respiratory protective device. Do not inhale explosion gases or combustion gases. Wear fully protective suit.
- Additional information: Cool endangered receptacles with water spray.
Collect contaminated fire fighting water separately. It must not enter the sewage system.



SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid formation of dust.

Ensure adequate ventilation.

6.2 Environmental Precautions

Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Pick up mechanically.

Send for recovery or disposal in suitable receptacles.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Information about fire - and explosion protection:

No special measures required

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

No special requirements

Information about storage in one common storage facility:

Store away from oxidising agents.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Storage class:

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7.3 Specific end use(s)

No further relevant information available.

SECTION 8. EXPOSURE CONTROL

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information:

The lists valid during the making were used as basis.

8.2 Exposure controls

Appropriate engineering controls:

No further data; see section 7

Individual protection measures, such as personal protective equipment

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals. Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.



Respiratory protection:



When dust/mist are present use a Particulate filter, type P2.

Hand protection:



Protective gloves.

Use gloves tested and approved under appropriate government standards such as NIOSH (US) or EN374 (EU).

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves.

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material.

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye/face protection:



Safety glasses with side-shields conforming to EN166.

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Body protection:



Protective work clothing.

Body protection must be chosen depending on product properties, activity and possible exposure.

Environmental exposure controls:

Do not allow to enter drains, sewers or watercourses.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

General Information

Physical State:	Solid
Colour:	Whitish
Odour:	Mild
Melting point/freezing point:	Undetermined
Boiling point or initial boiling point and boiling range:	Undetermined
Flammability:	Not determined
Lower and upper explosion limit	
Lower:	Not determined
Upper:	Not determined
Flash point:	Not applicable
Decomposition temperature:	Not determined
pH:	Not applicable
Viscosity	
Kinematic viscosity:	Not applicable
Dynamic:	Not applicable

**Solubility**

Water:	Partly soluble
Partition coefficient n-octanol/water (log value):	Not determined
Vapour pressure:	Not applicable
Density and/or relative density	
Density at 20°C:	1.688-1.824 g/cm ³
Relative density:	Not determined
Vapour density:	Not applicable
Particle characteristics:	Not applicable

9.2 Other information**Appearance**

Form:	Granulate
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Important information on protection of health and environment, and on safety

Ignition temperature:	Product is not self-igniting
Explosive properties:	Product does not present an explosion hazard

Change in condition

Evaporation rate:	Not applicable
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Information with regard to physical hazard classes:	Not applicable
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SECTION 10. STABILITY AND REACTIVITY**10.1 Reactivity**

No further relevant information available.

10.2 Chemical stability

Thermal decomposition/conditions to be avoided:	No decomposition if used according to specifications.
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10.3 Possibility of hazardous reactions

Reacts with oxidising agents.

10.4 Conditions to avoid

Heat and static discharge.

10.5 Incompatible materials

Strong oxidising agents

10.6 Hazardous decomposition products

Carbon monoxide and carbon dioxide.
Sulphur oxides (SO_x).
Toxic metal oxide smoke.

SECTION 11. TOXICOLOGICAL INFORMATION**11.1 Information on hazard classes defined in Regulation (EC) No 1272/2008**

Acute toxicity: Based on available data, the classification criteria are not met.
LD/LC50 values relevant for classification:

CAS	9003-04-07	Sodium polyacrylate	Oral	LD50	>2,000 mg/kg (rat)
CAS	9003-01-04	Polyacrylic Acid	Oral	LD50	>2,000 mg/kg (rat)

**Primary irritant effect**

Skin corrosion/irritation:	Based on available data, the classification criteria are not met.
Serious eye damage/irritation:	Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation:	Based on available data, the classification criteria are not met.
Germ cell mutagenicity:	Based on available data, the classification criteria are not met.
Carcinogenicity:	Based on available data, the classification criteria are not met.
Reproductive toxicity:	Based on available data, the classification criteria are not met.
STOT-single exposure:	Based on available data, the classification criteria are not met.
STOT-repeated exposure:	Based on available data, the classification criteria are not met.
Aspiration hazard:	Based on available data, the classification criteria are not met.
Subacute to chronic toxicity:	Prolonged or repeated skin contact may irritate and cause dermatitis.

11.2 Information on other hazards

Endocrine disrupting properties:	None of the ingredients are listed
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SECTION 12. ECOLOGICAL INFORMATION**12.1 Toxicity**

Aquatic toxicity:	No further relevant information available
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12.2 Persistence and degradability

The organic portion of the product is biodegradable.

12.3 Bioaccumulative potential

Product is not expected to bioaccumulate.

12.4 Mobility in soil

No further relevant information available.

12.5 Results of PBT and vPvB assessment

PBT:	Not applicable
vPvB:	Not applicable

12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

12.7 Other adverse effects

Additional ecological information

General notes:	Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
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SECTION 13. DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

Recommendation:	Recommended Hierarchy of Controls - Minimise waste; - Reuse if not contaminated; - Recycle, if possible; or - Safe disposal (if all else fails).
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Must not be disposed together with household garbage. Do not allow product to reach sewage system. Contact waste processors for recycling information. Used, degraded or contaminated product may be classified as hazardous waste. Anyone classifying hazardous waste and determining its fate must be qualified in accordance with state and international legislation.



Uncleaned packaging

Recommendation:

Empty contaminated packaging thoroughly. They may be recycled after thorough and proper cleaning. Disposal must be made according to official regulations.

Containers, even those that are "empty," may contain residues that can develop flammable and/or hazardous vapours upon heating. Do not cut, drill, grind, weld, or perform similar operations on or near empty containers.

Recommended cleansing agents: Water, if necessary together with cleansing agents.

SECTION 14. TRANSPORT INFORMATION

14.1 UN number or ID number

ADR, IMDG, IATA:

Not applicable

14.2 UN proper shipping name

ADR, IMDG, IATA:

Not applicable

14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA

Not applicable

Class:

14.4 Packing group

ADR, IMDG, IATA:

Not applicable

14.5 Environmental hazards:

Not applicable

14.6 Special precautions for user

Not applicable

14.7 Maritime transport in bulk according to IMO instruments

Not applicable

UN "Model Regulation":

Not applicable

SECTION 15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Poisons Act

Regulated explosive precursors:

None of the ingredients are listed

Regulated Poisons:

None of the ingredients are listed

Reportable explosives precursors:

None of the ingredients are listed

Reportable Poisons:

None of the ingredients are listed

Control Of Major Accident Hazards

Regulations 2015 (COMAH)

Named dangerous substances –

None of the ingredients are listed

ANNEX I:

DIRECTIVE 2011/65/EU on the

None of the ingredients are listed

restriction of the use of certain

hazardous substances in electrical

and electronic equipment – Annex II:

REGULATION (EU) 2019/1148

Annex I - RESTRICTED

None of the ingredients are listed

EXPLOSIVES PRECURSORS

(Upper limit value for the

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purpose of licensing under

Article 5(3)):

Annex II - REPORTABLE

None of the ingredients are listed

EXPLOSIVES PRECURSORS:

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out

SECTION 16. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. This Safety Data Sheet is supplied on a voluntary basis.

Department issuing SDS: Product safety department

Abbreviations and acronyms:

UK REACH:	REGULATION (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals.
GB CLP:	REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.
UFI:	Unique Formula Identifier.
UK- REACH:	The UK REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals.
GB- CLP:	Retained GB CLP Regulation (EU) No. 1272/2008 as amended for Great Britain on the Classification, Labelling and Packaging of Chemicals.
ADR:	Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road).
IMDG:	International Maritime Code for Dangerous Goods.
IATA:	International Air Transport Association.
GHS:	Globally Harmonised System of Classification and Labelling of Chemicals.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
ELINCS:	European List of Notified Chemical Substances.
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
LC50:	Lethal concentration, 50 percent.
LD50:	Lethal dose, 50 percent.
PBT:	Persistent, Bioaccumulative and Toxic.
vPvB:	very Persistent and very Bioaccumulative.

Legal Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability of such information for their own particular use.