



Guest Medical

SAFETY DATA SHEET

NBS Granules

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name NBS Granules, Code H87NBS

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

Identified uses For the absorption of screened donor blood only.

1.3. Details of the supplier of the safety data sheet

Supplier Guest Medical Limited

Unit A6, Larkfield Trading Estate, New Hythe Lane, Aylesford. Kent. ME20 6SW

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enquiries@guest-medical.co.uk

Emergency telephone number: +44 (0) 1622 791 895 (English language service only.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to regulation (EC) No 1272/2008

This mixture is not classified as hazardous to humans or the environment

Classification according to EU Directives 67/548/EEC or 1999/45/EC

This mixture is not classified as hazardous to humans or the environment

2.2. Label elements

Pictogram Not assigned

Signal word Not assigned

Hazard statements Not assigned.

Precautionary statements Not assigned

2.3. Other hazards none

SECTION 3: Composition/information on ingredients

3.2. Mixtures

EXPANDED PERLITE	85 - 95%
CAS number: 93763-70-3	
Classification	Classification (67/548/EEC or 1999/45/EC)
Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008	Not classified as hazardous
SODIUM POLYACRYLATE, cross linked	5 - 10%
CAS number: 9003-04-7	
Classification	Classification (67/548/EEC or 1999/45/EC)
Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008	Not classified as hazardous

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SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

Move affected person to fresh air. Seek medical attention if symptoms persist or develop.

Ingestion

Do not induce vomiting. Rinse mouth with water and give water to drink. Seek medical attention if symptoms persist or develop.

Skin contact

Drench immediately with water. Use suitable lotion to moisturise skin. Remove any contaminated clothing and launder before re-use. Seek medical attention if symptoms persist or develop.

Eye contact

Do not rub eye. Rinse thoroughly with plenty of water for at least 15 minutes. Seek medical attention if symptoms persist or develop.

4.2. Most important symptoms and effects, both acute and delayed

The severity of the symptoms described will vary dependant on the length of exposure.

4.3. Indication of any immediate medical attention and special treatment needed. No specific first aid measures noted.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Non-combustible material; use an extinguishing agent suitable for the surrounding material.

5.2. Special hazards arising from the substance or mixture

Non- combustible. No hazardous thermal decomposition.

Advice for firefighters

No specific fire-fighting protection is required. Use an extinguishing agent suitable for the surrounding fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Use personal protective equipment. Avoid airborne dust generation. For personal protection see section 8.

6.2. Environmental precautions

Do not let product enter storm drains or water courses. If the product does enter a water course or sewer in large quantities contact the local water authority and inform the Environmental Agency. Collect spillages for disposal.

6.3. Methods and material for containment and cleaning up

Avoid dry sweeping and use water spraying or vacuum cleaning systems to prevent airborne dust generation. Wear personal protective equipment in compliance with national legislation.

6.4. Reference to other sections

See also section 8. . For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust. If dust level is excessive wear goggles and dust masks (to BS4275). For personal protection precautions see section 8

7.2. Conditions for safe storage, including any incompatibilities

Store in cool dry atmosphere in original labelled containers. Keep away from heat sources, combustible materials and strong oxidising agents.

7.3. Specific end use(s)

Only to be used as specified in section 1.2

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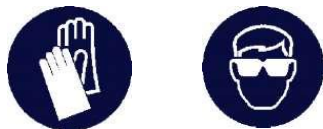
SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational Exposure Limit – LTEL: 10 mg/M3(Inhalable dust), 1 mg/M3 (Respirable dust). 8hr TWA

8.2 Exposure controls

Protective equipment



Appropriate engineering controls

Use in a well-ventilated area and wear a dust mask if visible dust is being generated.

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).

Skin protection

Handle with gloves such as Nitrile or PVC conforming to EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body protection

Wear impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the product at the specific workplace.

Respiratory protection

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hygiene measures

Employ good industrial hygiene procedures including no eating/drinking or smoking whilst handling the material. Wash hands at the end of each work shift and before eating, smoking or using the toilet. Remove and clean/replace any contaminated clothing PPE before reuse.

Environmental exposure controls

Do not allow undiluted product to enter drains.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties of Perlite.

Appearance	Powder
Colour	Off-White/grey.
Odour	Odourless
pH of water slurry	6.7 – 7.5
Fire resistance	Non - combustible.
Oxidising properties	No data available.

9.2. Other information

No other relevant information available

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SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

No specific hazardous reactions known..

10.4. Conditions to avoid

No particular incompatibility.

10.5. Incompatible materials

No specific, or groups of materials are likely to react to produce a hazardous situation .

10.6. Hazardous decomposition products

Under normal conditions of storage and use hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects - Toxicological information of the main ingredient – perlite granules

General information – This product has low toxicity. Only large volumes may have adverse impact on human health.

Inhalation – Dust in high concentrations may irritate the respiratory system.

Ingestion – No harmful effects expected in amounts likely to be ingested by accident.

Skin contact – Prolonged skin contact may cause dryness of skin.

Eye contact – Particles in the eyes may cause irritation and smarting.

SECTION 12: Ecological Information

12.1. Toxicity

Perlite is not classified as harmful to aquatic life.

12.2. Persistence and degradability

This product is not biodegradable.

12.3. Bioaccumulative potential

This product does not contain any substances expected to be bioaccumulating.

12.4. Mobility in soil

No specific information available. . This product is insoluble in water.

12.5. Results of PBT and vPvB assessment

Not classified.

12.6. Other adverse effects –

No specific information available..

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information

Disposal method in accordance with all applicable national environment laws and regulations.

Contaminated packaging

Dispose of as unused product.

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SECTION 14: Transport information

- 14.1. UN number:** Product is unclassified for transport
- 14.2. UN proper shipping name:** Product is unclassified for transport
- 14.3. Transport hazard class(es):** Product is unclassified for transport
- 14.4. Packing group:** Product is unclassified for transport
- 14.5. Environmental hazards:** Product is unclassified for transport
- 14.6. Special precautions for user:** No information available
- 14.7. Transport in bulk according Annex II of MARPOL 73/78 and the IBC code**
Applicable for Maritime bulk transport only. Check with carrier

SECTION 15: Regulatory information

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

This substance is classified and labelled in accordance with regulation 1999/45/EC, 1272/2008, the statutory instrument No. 716/2009 Chemicals (Hazard Information and Packaging) regulations and the EC Fertiliser Regulations 2003. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) 1488/94 as well as Council Directive 76/769/EEC and Commission Directive 91/155/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out for this mixture.

SECTION 16: Other information

General information

Revision date	09.11.2017
Revision	3
Supersedes date	25.05.2015
SDS number	10604

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 himself as to the suitability of such information for his own particular use.