

SAFETY DATA SHEET

NHSBT Absorbent Granules

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

1.1. Product identifier

Product name	NHSBT Absorbent Granules
Product code	H86NBS, 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.
Use descriptors	Spill absorption
Uses advised against	None known

1.3. Details of the supplier of the safety data sheet

Company and address	Guest Medical Limited Unit A6, Larkfield Trading Estate, New Hythe Lane, Aylesford. Kent. ME20 6SW T: +44(0) 1622 791895, (Hours 09:00- 17:00 Mon to Fri)
E-mail	technical@quest-medical.co.uk
SDS Version	1.0
Revision date	06/01/2023

1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24h service).
See Section 4 "First Aid Measures"

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

This product does not meet the criteria for classification in any hazard class.

2.2. Label elements

Hazard Pictogram(s)

None

Signal word

None

Hazard statement(s)

None

Safety statement(s)

None

Hazardous substances

None

Additional labelling

Not applicable.

2.3 Other hazards

Additional warnings

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB. This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable. This product is a mixture.

3.2. Mixtures

Product / substance	Identifiers	% w / w	Classification	Notes
Perlite	CAS No: 130885-09-5 EC No: Not assigned	85-95%	Not classified	None
Sodium polyacrylate, crosslinked.	CAS No: 9003-04-7 EC No: Not assigned	5-15%	Not classified	None

Contains no non-classified vPvB substances or substances with a Union workplace exposure limit. Occupational exposure limits are listed in Section 8, if available.

SECTION 4: First aid measures

4.1 Description of first aid measures

General Information

No serious adverse effects are anticipated.

Inhalation

After inhalation, move affected person to fresh air. If respiratory irritation persists, seek medical advice/attention.

Ingestion

Rinse mouth with water. Do NOT induce vomiting. Seek medical advice/attention if gastrointestinal symptoms occur.

Skin contact

If irritation occurs, wash affected skin with plenty of soap and water. If irritation persists, seek medical advice/attention.

Eye contact

Immediately flush with plenty of water, also under eyelids, for at least 15 minutes. If irritation persists, seek medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

Significant acute or delayed effects are not anticipated.

4.3 Indication of any immediate medical attention and special treatment needed

Immediate medical attention or special treatments are not usually required.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

As appropriate for surrounding fire. Warning! This product when wet may render surfaces slippery.

Unsuitable extinguishing media

None.

5.2. Special hazards arising from the substance or mixture

Thermal decomposition may produce: Carbon oxides.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and PPE designated for the area.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet. Ensure adequate ventilation. Avoid dust formation. Avoid breathing dust. When wet, this product may render surfaces slippery.

6.2. Environmental precautions

Do not allow contact with soil, surface or ground water. Do not discharge into drains or watercourses. Collect spillages for disposal according to local legislation.

6.3. Methods and material for containment and cleaning up

Collect spills carefully and place in suitable closed containers for disposal in compliance with local or national regulations. Sweep up dry. Avoid generation and spreading of dust. After cleaning, flush away traces with water.

6.4. Reference to other sections

See Section 8 "Exposure controls / personal protection" for protective measures

See Section 13 "Disposal considerations" on handling of waste.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid airborne dust generation. When wet, this product may render surfaces slippery. Do not dispose of excess material or spillages into drains. Do not eat, drink and smoke in work areas; wash hands after use and before entering eating areas. Remove contaminated clothing and personal protective equipment before entering eating areas. See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be tightly closed.

Recommended storage material

Keep only in original packaging.

Storage temperature

Ambient temperature and humidity, in original packaging securely closed. Keep in a dry place.

Incompatible materials

Do not store near strong acids and oxidising agents.

Under normal conditions of storage and use, no hazardous reactions will occur.

7.3. Specific end use(s)

This product should only be used for applications quoted in Section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No substances are listed in EH40/2005 with an occupational exposure limit.

For WELs; treat as nuisance dust (section 44) 10mg m⁻³(Inhalable) / 4 mg m⁻³ (Respirable)

8.2. Exposure controls

Appropriate engineering controls

Use local exhaust extraction if dusting occurs. Ensure adequate natural ventilation in the absence of dusts.

Measures to avoid environmental exposure


Use appropriate engineering controls to prevent dust escaping into the atmosphere. Do not flush into surface water.

Individual protection measures, such as personal protective equipment


Generally

Use only UKCA marked protective equipment.


Respiratory protection

Type	Class	Colour	Standards	
In case of prolonged exposure, wear respiratory protective equipment.	As determined in an in-use risk assessment for professional use.	Not specified.	As determined in an in-use risk assessment for professional use.	

Skin protection

Material	Glove thickness (mm)	Breakthrough time (min)	Standards	
Wear protective clothing and impervious gloves as appropriate for the task.	As specified for glove type specified through individual use risk assessment.	As specified for glove type specified through individual use risk assessment.	EN374	

Eye / face protection

Type	Standards	
Wear eye protection with side protection.	EN166. Under normal domestic and professional use, standard safety spectacles are adequate.	

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Physical state	Granules
Colour	White
Odour	Odourless
Melting point / freezing point (°C)	Not applicable
Boiling point (°C)	Not applicable
Flammability (°C)	Not applicable
Lower and Upper explosion limit (% v/v)	Not applicable
Flash point (°C)	Not applicable
Auto-ignition temperature (°C)	Not applicable
Decomposition temperature (°C)	Not applicable
pH	5.0- 8.0 (in water suspension)

Kinematic viscosity	Not applicable
Solubility	Insoluble in water
Partition coefficient	Not applicable
Vapour pressure	Not applicable
Density and / or relative density	Not applicable
Relative vapour density	Does not apply to solids
Particle characteristics	Not known

9.2. Other information

Evaporation rate (<i>n-butylacetate</i> = 100)	Not applicable
Other physical and chemical properties	No data available

SECTION 10: Stability and Reactivity

10.1. Reactivity

None anticipated.

10.2. Chemical Stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

Oxidising agents may cause exothermic reactions.

10.4. Conditions to avoid

Keep away from heat and sources of ignition.

10.5. Incompatible materials

Strong acids and oxidising agents.

10.6. Hazardous decomposition products

Thermal decomposition may produce: Carbon oxides.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 as retained and amended in UK law

Acute toxicity

Based on available data, the classification criteria are not met.

Skin corrosion / irritation

Based on available data, the classification criteria are not met.

Serious eye damage

Based on available data, the classification criteria are not met.

Respiratory sensitisation

Based on available data, the classification criteria are not met.

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

Perlite may cause mild irritation to the eyes or upper respiratory tract.

Aspiration hazard

Based on available data, the classification criteria are not met.

11.2 Information on other hazards**Long term effects**

Not known.

Endocrine disrupting properties

None known.

Other information

None known

SECTION 12: Ecological information

12.1. Toxicity

Not classified as harmful to aquatic life. Contains no substances known to be hazardous to the environment.

12.2. Persistence and degradability

Not readily biodegradable.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

12.6. Endocrine disrupting properties

None known.

12.7. Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of contents in accordance with local, state or national legislation. This product is not classified as hazardous waste. Can be landfilled or incinerated.

Specific labelling

Not applicable.

Contaminated Packaging

Dispose of in accordance with local, state or national legislation. Can be landfilled or incinerated if recycling not practicable.

SECTION 14: Transport information

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 Packing group	14.5 Environmental hazards	Other information
	Not applicable	Not applicable	Not applicable	Not applicable	Not classified as a marine pollutant	None

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to IMO instruments

Not applicable.

SECTION 15: Regulatory information

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

Restrictions for application

None listed.

Restriction on use

Not listed.

National regulations

Not listed.

Sources

Community Rolling Action Plan (CoRAP) Regulation (EU) No 2019/1021 of the European Parliament and of the Council on persistent organic pollutants.

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer.

Regulation (EU) No 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals.

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.

Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

15.2. Chemical safety assessment

No

SECTION 16: Other information

General information

Revision date 06.01.2023

Revision 1.0

Indication of changes

N/A

Abbreviations and acronyms

ATE = Acute Toxicity Estimate.

CAS = Chemical Abstracts Service

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

DNEL = Derived No Effect Level

EC = European Community

EINECS = European Inventory of Existing Commercial chemical Substances

LTEL = Long term exposure limit

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.
(Marpol = marine pollution)

PBT = Persistent, Bioaccumulative and Toxic

PNEC = Predicted No Effect Concentration

REACH = Registration, Evaluation, Authorisation and Restriction of Chemical Substances

STEL = Short term exposure limit

STOT = Specific Target Organ Toxicity

vPvB = Very Persistent and Very Bioaccumulative

WEL = Workplace Exposure Limit

Additional Information

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

The classification of the substance/mixture in regard of environmental hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

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.