

## Stick Sponge/Sponge'n Bag Neutralizing Buffer

Version number: 2.0  
Replaces version of: 2022-08-30 (1)

Revision: 2024-03-26

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

#### 1.1 Product identifier

|                 |  |
|-----------------|--|
| Trade name      | <b>Stick Sponge/Sponge'n Bag Neutralizing Buffer</b>                                     |
| Product code(s) | HSB100NB, HSB100NBG, HSB100NBP,<br>HSB100NBPG, SS100NB, SS100NBG, SS100NBP,<br>SS100NBPG |

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

|                          |                               |
|--------------------------|-------------------------------|
| Relevant identified uses | Laboratory and analytical use |
|--------------------------|-------------------------------|

#### 1.3 Details of the supplier of the safety data sheet

Hygiena International  
8 Woodshots Meadow  
Herts Croxley Park  
United Kingdom

Telephone: +44 (0) 1923 818821  
Telefax: +44 (0)1923 818825  
e-mail: customerserviceuk@hygiena.com  
Website: www.Hygiena.com

#### 1.4 Emergency telephone number

|                               |  |
|-------------------------------|--|
| Emergency information service | +44 (0) 1923 818821<br>This number is only available during the following<br>office hours: Mon-Fri 09:00 AM - 05:00 PM |
|-------------------------------|--|

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification acc. to GHS  
This mixture does not meet the criteria for classification.

#### 2.2 Label elements

Labelling  
not required

#### 2.3 Other hazards

Results of PBT and vPvB assessment  
Does not contain a PBT-/vPvB-substance at a concentration of  $\geq 0,1\%$ .

Endocrine disrupting properties  
Does not contain an endocrine disruptor (ED) at a concentration of  $\geq 0,1\%$ .

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### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Not relevant (mixture)

#### 3.2 Mixtures

Description of the mixture

| Name of substance                            | Identifier          | Wt%            | Classification acc. to GHS | Pictograms |
|--|---------------------|----------------|----------------------------|------------|
| Sponge: Compressed cellulose without Biocide | CAS No<br>9004-34-6 | ≥ 90           |                            |            |
| Potassium phosphate monobasic                | CAS No<br>7778-77-0 | 0.1 - < 1      |                            |            |
| Aryl Sulfonate Complex                       |                     | 0.1 - < 1      |                            |            |
| Sodium thiosulfate                           | CAS No<br>7772-98-7 | 0.0001 - < 0.1 |                            |            |

#### Remarks

For full text of abbreviations: see SECTION 16

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

Following skin contact

Wash with plenty of soap and water.

Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

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

Symptoms and effects are not known to date.

#### 4.3 Indication of any immediate medical attention and special treatment needed

none

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### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

Suitable extinguishing media

Water spray, BC-powder, Carbon dioxide (CO<sub>2</sub>)

Unsuitable extinguishing media

Water jet

#### 5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>)

#### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases.

#### 6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

#### 6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

#### 6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

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### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Recommendations

- Measures to prevent fire as well as aerosol and dust generation
- Use local and general ventilation. Use only in well-ventilated areas.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

#### 7.2 Conditions for safe storage, including any incompatibilities

There is no additional information.  
Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials" (Section 10).

#### 7.3 Specific end use(s)

See section 16 for a general overview.

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)

| Country | Name of agent           | CAS No    | Identifier | TWA [ppm] | TWA [mg/m <sup>3</sup> ] | STEL [ppm] | STEL [mg/m <sup>3</sup> ] | Ceiling-C [ppm] | Ceiling-C [mg/m <sup>3</sup> ] | Notation          | Source |
|---------|-------------------------|-----------|------------|-----------|--------------------------|------------|---------------------------|-----------------|--------------------------------|-------------------|--------|
| AU      | Cellulose (paper fibre) | 9004-34-6 | WES        |           | 10                       |            |                           |                 |                                | i, noAsb_less1Sil | WES    |

Notation

Ceiling-C ceiling value is a limit value above which exposure should not occur  
i inhalable fraction

noAsb\_less1S contains no asbestos and less than 1% free crystalline silica

il

STEL short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)

TWA time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)

Relevant DNELs of components

| Name of substance             | CAS No    | Endpoint | Threshold level         | Protection goal, route of exposure | Used in           | Exposure time              |
|-------------------------------|-----------|----------|-------------------------|------------------------------------|-------------------|----------------------------|
| Potassium phosphate monobasic | 7778-77-0 | DNEL     | 14.82 mg/m <sup>3</sup> | human, inhalatory                  | worker (industry) | chronic - systemic effects |
| Sodium thiosulfate            | 7772-98-7 | DNEL     | 374 mg/m <sup>3</sup>   | human, inhalatory                  | worker (industry) | chronic - systemic effects |

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| Relevant PNECs of components |           |          |                 |                   |                              |                              |
|------------------------------|-----------|----------|-----------------|-------------------|------------------------------|------------------------------|
| Name of substance            | CAS No    | Endpoint | Threshold level | Organism          | Environmental compartment    | Exposure time                |
| Sodium thiosulfate           | 7772-98-7 | PNEC     | 0.8 mg/l        | aquatic organisms | freshwater                   | short-term (single instance) |
| Sodium thiosulfate           | 7772-98-7 | PNEC     | 0.08 mg/l       | aquatic organisms | marine water                 | short-term (single instance) |
| Sodium thiosulfate           | 7772-98-7 | PNEC     | 102.6 mg/l      | aquatic organisms | sewage treatment plant (STP) | short-term (single instance) |

### 8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

Skin protection

- Hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

- Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|  |                |
|--|----------------|
| Physical state   | liquid         |
| Colour   | not determined |
| Odour  | characteristic |
| Melting point/freezing point                             | not determined |
| Boiling point or initial boiling point and boiling range | not determined |

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|                                 |   |
|---------------------------------|---|
| Flammability                    | this material is combustible, but will not ignite readily |
| Lower and upper explosion limit | not determined  |
| Flash point                     | not determined  |
| Auto-ignition temperature       | not determined  |
| Decomposition temperature       | not relevant  |
| pH (value)                      | not determined  |
| Kinematic viscosity             | not determined  |
| Solubility(ies)                 | not determined  |

### Partition coefficient

|   |                                   |
|---|-----------------------------------|
| Partition coefficient n-octanol/water (log value) | this information is not available |
|---|-----------------------------------|

|                 |                |
|-----------------|----------------|
| Vapour pressure | not determined |
|-----------------|----------------|

### Density and/or relative density

|                         |   |
|-------------------------|---|
| Density                 | not determined                                |
| Relative vapour density | information on this property is not available |

|                          |                       |
|--------------------------|-----------------------|
| Particle characteristics | not relevant (liquid) |
|--------------------------|-----------------------|

## 9.2 Other information

|  |   |
|--|---|
| Information with regard to physical hazard classes | hazard classes acc. to GHS (physical hazards): not relevant |
|--|---|

### Other safety characteristics

|                |         |
|----------------|---------|
| Liquid content | 90.52 % |
| Solid content  | 0.7 %   |

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### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

#### 10.2 Chemical stability

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

#### 10.3 Possibility of hazardous reactions

No known hazardous reactions.

#### 10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

#### 10.5 Incompatible materials

Oxidisers

#### 10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

Test data are not available for the complete mixture.

##### Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

##### Classification acc. to GHS

This mixture does not meet the criteria for classification.

##### Acute toxicity

Shall not be classified as acutely toxic.

##### Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

##### Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

##### Respiratory or skin sensitisation

Shall not be classified as a respiratory or skin sensitiser.

##### Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

##### Carcinogenicity

Shall not be classified as carcinogenic.

##### Reproductive toxicity

Shall not be classified as a reproductive toxicant.

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Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

### SECTION 12: Ecological information

#### 12.1 Toxicity

#### 12.2 Persistence and degradability

Data are not available.

#### 12.3 Bioaccumulative potential

Data are not available.

#### 12.4 Mobility in soil

Data are not available.

#### 12.5 Results of PBT and vPvB assessment

According to the results of its assessment, this substance is not a PBT or a vPvB. Does not contain a PBT-/vPvB-substance at a concentration of  $\geq 0,1\%$ .

#### 12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of  $\geq 0,1\%$ .

#### 12.7 Other adverse effects

Data are not available.

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packagings

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

#### Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.



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### SECTION 14: Transport information

- |  |   |
|--|---|
| <b>14.1 UN number</b>                                      | not subject to transport regulations                                  |
| <b>14.2 UN proper shipping name</b>                        | not relevant  |
| <b>14.3 Transport hazard class(es)</b>                     | none  |
| <b>14.4 Packing group</b>                                  | not assigned  |
| <b>14.5 Environmental hazards</b>                          | non-environmentally hazardous acc. to the dangerous goods regulations |
| <b>14.6 Special precautions for user</b>                   | There is no additional information.                                   |
| <b>14.7 Transport in bulk according to IMO instruments</b> | The cargo is not intended to be carried in bulk.                      |

#### Information for each of the UN Model Regulations

##### **Transport information - National regulations - Additional information (UN RTDG)**

Not subject to transport regulations: UN RTDG

##### **International Maritime Dangerous Goods Code (IMDG) - Additional information**

Not subject to IMDG.

##### **International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information**

Not subject to ICAO-IATA.

### SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
There is no additional information.
- 15.2 Chemical Safety Assessment**  
Chemical safety assessments for substances in this mixture were not carried out.

### SECTION 16: Other information

#### **Indication of changes (revised safety data sheet)**

| Section | Former entry (text/value)                                  | Actual entry (text/value)  | Safety-relevant |
|---------|--|--|-----------------|
| 1.1     | Trade name:<br>Stick Sponge w/10mL Neutralizing Buffer     | Trade name:<br>Stick Sponge/Sponge'n Bag Neutralizing Buffer   | yes             |
| 1.1     | Product code(s):<br>SS100NB, SS100NBG, SS100NBP, SS100NBPG | Product code(s):<br>HSB100NB, HSB100NBG, HSB100NBP,<br>HSB100NBPG, SS100NB, SS100NBG, SS100NBP,<br>SS100NBPG | yes             |
| 2.3     | Other hazards:<br>of no significance                       | Other hazards  | yes             |

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| Section | Former entry (text/value)  | Actual entry (text/value)  | Safety-relevant |
|---------|--|--|-----------------|
| 2.3     |  | Results of PBT and vPvB assessment:<br>Does not contain a PBT-/vPvB-substance at a concentration of $\geq 0,1\%$ .   | yes             |
| 2.3     |  | Endocrine disrupting properties:<br>Does not contain an endocrine disruptor (ED) at a concentration of $\geq 0,1\%$ .  | yes             |
| 3.2     |  | Description of the mixture:<br>change in the listing (table)   | yes             |
| 3.2     |  | Remarks:<br>For full text of abbreviations: see SECTION 16   | yes             |
| 5.1     | Suitable extinguishing media:<br>Water spray, Alcohol resistant foam, BC-powder, Carbon dioxide (CO <sub>2</sub> )   | Suitable extinguishing media:<br>Water spray, BC-powder, Carbon dioxide (CO <sub>2</sub> )   | yes             |
| 5.2     |  | Hazardous combustion products:<br>Carbon monoxide (CO), Carbon dioxide (CO <sub>2</sub> )  | yes             |
| 6.4     | Reference to other sections:<br>Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13. | Reference to other sections:<br>Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.   | yes             |
| 7.2     | Conditions for safe storage, including any incompatibilities   | Conditions for safe storage, including any incompatibilities:<br>There is no additional information.<br>Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials" (Section 10). | yes             |
| 7.2     | - Packaging compatibilities:<br>Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used.                                 |  | yes             |
| 8.1     | Control parameters:<br>This information is not available.  | Control parameters   | yes             |
| 8.1     |  | Occupational exposure limit values (Workplace Exposure Limits):<br>change in the listing (table)   | yes             |
| 9.1     | Flammability:<br>non-combustible   | Flammability:<br>this material is combustible, but will not ignite readily   | yes             |
| 9.1     | Solubility(ies)  | Solubility(ies):<br>not determined   | yes             |
| 9.1     | Water solubility:<br>miscible in any proportion  |  | yes             |
| 9.2     | Miscibility:<br>Completely miscible with water.  |  | yes             |
| 10.5    | Incompatible materials:<br>There is no additional information.   | Incompatible materials:<br>Oxidisers   | yes             |
| 11.1    |  | Acute toxicity estimate (ATE) of components of the mixture:<br>change in the listing (table)   | yes             |

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| Section | Former entry (text/value)  | Actual entry (text/value)   | Safety-relevant |
|---------|--|---|-----------------|
| 12.1    | Toxicity:<br>No data available.  | Toxicity  | yes             |
| 12.1    | Biodegradation:<br>The relevant substances of the mixture are readily biodegradable.   |   | yes             |
| 12.5    | Results of PBT and vPvB assessment:<br>Data are not available.   | Results of PBT and vPvB assessment:<br>According to the results of its assessment, this substance is not a PBT or a vPvB. Does not contain a PBT-/vPvB-substance at a concentration of $\geq 0,1\%$ . | yes             |
| 12.6    | Endocrine disrupting properties:<br>Information on this property is not available.   | Endocrine disrupting properties:<br>Does not contain an endocrine disruptor (ED) at a concentration of $\geq 0,1\%$ .   | yes             |
| 13.1    | Waste treatment of containers/packagings:<br>Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself. | Waste treatment of containers/packagings:<br>Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.                                       | yes             |
| 14.1    | UN number:<br>not assigned   | UN number:<br>not subject to transport regulations  | yes             |
| 14.2    | UN proper shipping name:<br>not assigned   | UN proper shipping name:<br>not relevant  | yes             |
| 14.3    | Transport hazard class(es):<br>not assigned  | Transport hazard class(es):<br>none   | yes             |
| 14.7    | Transport information - National regulations - Additional information (UN RTDG):<br>not assigned   | Transport information - National regulations - Additional information (UN RTDG):<br>Not subject to transport regulations: UN RTDG   | yes             |
| 14.7    | International Maritime Dangerous Goods Code (IMDG) - Additional information:<br>not assigned   | International Maritime Dangerous Goods Code (IMDG) - Additional information:<br>Not subject to IMDG.  | yes             |
| 14.7    | International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information:<br>not assigned  | International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information:<br>Not subject to ICAO-IATA.  | yes             |

### Abbreviations and acronyms

| Abbr.     | Descriptions of used abbreviations  |
|-----------|---|
| CAS       | Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)    |
| Ceiling-C | Ceiling value   |
| DGR       | Dangerous Goods Regulations (see IATA/DGR)  |
| DNEL      | Derived No-Effect Level   |
| ED        | Endocrine disruptor   |
| GHS       | "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations |
| IATA      | International Air Transport Association   |

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| Abbr.    | Descriptions of used abbreviations  |
|----------|---|
| IATA/DGR | Dangerous Goods Regulations (DGR) for the air transport (IATA)              |
| ICAO     | International Civil Aviation Organization                                   |
| IMDG     | International Maritime Dangerous Goods Code                                 |
| PBT      | Persistent, Bioaccumulative and Toxic                                       |
| PNEC     | Predicted No-Effect Concentration   |
| ppm      | Parts per million   |
| STEL     | Short-term exposure limit   |
| TWA      | Time-weighted average   |
| UN RTDG  | UN Recommendations on the Transport of Dangerous Good                       |
| vPvB     | Very Persistent and very Bioaccumulative                                    |
| WES      | Safe Work Australia: Workplace exposure standards for airborne contaminants |

### Key literature references and sources for data

Safe Work Australia's Code of Practice for Labelling of Workplace Hazardous Chemicals (under WHS Regulations).

UN Recommendations on the Transport of Dangerous Good. International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

### Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

### Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.