
MATERIAL SAFETY DATA SHEET

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

1.1 Product identifiers

Product name: BUFFER SOLUTION pH 9.00

Solmedia Product Code: BS09

Brand: Solmedia Ltd

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

PC21 Laboratory Chemicals

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Solmedia Ltd.
- Address of Supplier: Unit 2, Vernon Drive
Battlefield Enterprise Park
Shrewsbury
SY1 3TF
UK
- Telephone: 0844 80 80 900
- Email: labsupplies@solmedialtd.com

1.4 Emergency telephone number

Emergency Phone # +44 (0)844 80 80 900

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Not classified as dangerous

2.2 Label elements

Not applicable

2.3 Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Not applicable

SECTION 4: First aid measures

4.1 Description of first aid measures

- Skin contact:** Wash skin with water
- Eye contact:** Promptly wash the eye with running water for 15 minutes.
- Ingestion:** Wash out mouth with water.
- Inhalation:** If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing

4.2 Most important symptoms and effects, both acute and delayed

None anticipated. Treat symptomatically

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically

SECTION 5: Firefighting measures

5.1 Extinguishing media

As appropriate for surrounding fire

5.2 Special hazards arising from the substance or mixture

None anticipated. Heating may cause decomposition..

5.3 Advice for firefighters

As appropriate for surrounding fire

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Wear suitable gloves if prolonged skin contact is likely.

6.2 Environmental precautions

Do not release large quantities into the surface water or into drains.

6.3 Methods and materials for containment and cleaning up

Sweep spilled substances into containers if appropriate moisten first to prevent dusting.

6.4 Reference to other sections

See Sections 8 and 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Handling requirements: No special measures required

7.2 Conditions for safe storage, including any incompatibilities

Storage temperature Ambient

Storage life Stable under normal conditions.

Incompatible materials: None known

7.3 Specific end use(s)

No further relevant information available.

SECTION 8: Exposure controls/personal protection

Engineering Controls No further data, see item 7

8.1 Control parameters

No Occupational Exposure Limit assigned

8.2 Exposure controls

Appropriate engineering controls: Ensure adequate ventilation

Respiratory protection: Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Thermal

Eye protection:

Wear eye protection with side protection (EN166).

Skin Protection:

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Thermal hazards: None known.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Odour:	Not known
Odour threshold:	Not known
pH-value	Not known
Change in condition	Not applicable
Flash point:	Not applicable.

Evaporation rate:	Not known
Flammability (solid, gas):	Not flammable.
Decomposition temperature:	Not known
Auto-ignition temperature:	Not known
Explosive properties:	Not known
Explosion limits:	
Lower:	Not known
Upper:	Not determined.
Oxidising properties	None
Density:	Not known
Relative density	Not known
Vapour pressure	Not known
Vapour density	Not known
Solubility/ miscibility with water:	Soluble
Partition coefficient: n-octanol/water:	Not known
Viscosity:	Not known

9.2 Other safety information

No further relevant information available

SECTION 10: Stability and reactivity

10.1 Reactivity

No further relevant information available

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No dangerous reactions known if used for intended purpose.

10.4 Conditions to avoid

No further relevant information available.

10.5 Incompatible materials

No further relevant information available.

10.6 Hazardous decomposition products

No dangerous decomposition products known

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity – Ingestion: Not classified.

Acute toxicity - Skin Contact	Not classified.
Acute toxicity - Inhalation	Not classified.
Skin corrosion/irritation	Not classified.
Serious eye damage/irritation	Not classified.
Skin sensitization data	Not classified.
Respiratory sensitization data	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Reproductive toxicity	Not classified.
Lactation	Not classified.
STOT - single exposure	Not classified.
STOT - repeated exposure	Not classified.
Aspiration hazard	Not classified

11.2 Other information RTECS: Not available. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity - Aquatic invertebrates Low toxicity to invertebrates.
 Toxicity - Fish Low toxicity to fish.
 Toxicity - Algae Low toxicity to algae.
 Toxicity - Sediment Compartment Not classified.
 Toxicity - Terrestrial Compartment Not classified

12.2 Persistence and degradability

Not known

12.3 Bioaccumulative potential

Not known

12.4 Mobility in soil

Not known

12.5 Results of PBT and vPvB assessment

Substance(s) in the mixture do(es) not meet the criteria for PBT or vPvB according to regulation (EC) No 1907/2006, Annex XIII, or a PBT/vPvB assessment was not conducted

12.6 Other adverse effects

Not known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

No special precautions are required for this product

SECTION 14: Transport information

Not classified as hazardous for transport

SECTION 15: Regulatory information

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

European Regulations - Authorisations and/or Restrictions on Use
Candidate List of Substances of Very High Concern for Authorisation Not listed
REACH: ANNEX XIV list of substances subject to authorisation: Not listed
REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles: Not listed
Community Rolling Action Plan (CoRAP:) Not listed Regulation (EC) N° 850/2004 of the European Parliament and of the Council on persistent organic pollutants: Not listed
Regulation (EC) N° 2037/2000 on substances that deplete the ozone layer: Not listed
Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals: Not listed
National regulations: Other -Not known.

15.2 Chemical safety assessment

For this product a chemical safety assessment was not carried out

SECTION 16: Other information

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Solmedia Ltd shall not be held liable for any damage resulting from handling or from contact with the above product.