

# Safety Data Sheet

## QuickSilver™ Tris Buffered Saline Powdered Buffer

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

#### Identification of the substance or mixture

**Product code:** EB1202

**Product name:** TBS Buffer Powder

#### Company/undertaking identification

Accuris Life Science Reagents, a division of Benchmark Scientific, Inc.

2600A Main Street Extension

Sayreville, NJ 08572

908 769-5555

**For Research Use Only. Not for use in diagnostic procedures.**

### SECTION 2: Hazards identification

#### GHS – Classification

**Signal Word:** None

**Skin Hazard:** May cause eye irritation with susceptible persons.

**Eye Hazard:** May cause eye irritation with susceptible persons.

**Target Organ Effects:** No known effects under normal use conditions.

**Carcinogenic effects:** None.

**Mutagenic effects:** None.

**Reproductive toxicity:** None.

**Sensitization:** None.

#### Hazard pictograms:

**Physical hazards:** Not Hazardous

**Environmental hazards:** Not Hazardous

#### Prevention

Obtain instructions before use

Wear protective gloves/protective clothing/eye protection/face protection

**Storage:** Not Applicable

**Other hazards:** Not Applicable

#### HMIS

**Health:** None

**Flammability:** None

**Reactivity:** None

### SECTION 3: Composition/information on ingredients

The product contains no substances which at their given concentration, are considered to be hazardous to health.

### SECTION 4: First aid measures

#### Description of first aid measures

**Skin contact:** Rinse cautiously with water for several minutes. Immediate medical attention is not required.

**Eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if possible.

**Ingestion:** Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.

**Inhalation:** Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a physician if necessary.

**Most important symptoms and effects, both acute and delayed:** Not Applicable

Notes to Physician Treat symptomatically.

## SECTION 5: Firefighting measures

### Extinguishing media

**Suitable extinguishing media:** Foam. Dry powder. Dry chemical. Carbon dioxide (CO<sub>2</sub>). Water spray.

**Special hazards arising from the substance or mixture:** Not known.

**Special protective equipment for firefighters:** Standard procedure for chemical fires.

**Advice for fire-fighters:** Wear self-contained breathing apparatus and protective suit.

## SECTION 6: Accidental release measures

### Personal precautions,

Always wear recommended Personal Protective Equipment. Use personal protection equipment.

### Methods for cleaning up

Take up mechanically, placing in appropriate containers for disposal.

### Environmental precautions

No special environmental precautions required.

## SECTION 7: Handling and storage

**Handling** Always wear recommended Personal Protective Equipment. No special handling advices are necessary.

**Storage** Keep in a dry, cool and well-ventilated place.

## SECTION 8: Exposure controls/personal protection

### Exposure Limits

We are not aware of any national exposure limit.

**Engineering measures:** Ensure adequate ventilation, especially in confined areas.

### Personal Protective Equipment

Personal Protective Equipment requirements are dependent on the user institution's risk assessment and are specific to the risk assessment for each laboratory where this material may be used.

**Respiratory protection:** In case of insufficient ventilation, wear suitable respiratory equipment.

**Hand protection:** Impervious gloves.

**Eye protection:** Wear safety glasses with side shields (or goggles).

**Skin and Body Protection:** Lightweight protective clothing.

**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice.

### Environmental exposure controls

No special environmental precautions required.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

<b>Appearance:</b>	White powder
<b>Odor:</b>	None
<b>Odor Threshold:</b>	Mixture has not been tested
<b>pH:</b>	One pack in 1L water ,25°C, pH 7.4 ±0.15
<b>Melting point / melting range:</b>	Mixture has not been tested
<b>Boiling point / boiling range:</b>	Mixture has not been tested
<b>Flash point:</b>	Mixture has not been tested
<b>Autoignition temperature:</b>	Mixture has not been tested
<b>Decomposition temperature:</b>	Mixture has not been tested
<b>Evaporation rate:</b>	No data available
<b>Flammability (solid, gas):</b>	Not Applicable

<b>Upper explosion limit:</b>	Mixture has not been tested
<b>Lower explosion limit:</b>	Mixture has not been tested
<b>Vapor Pressure:</b>	Mixture has not been tested
<b>Relative density:</b>	Mixture has not been tested
<b>Specific gravity:</b>	No data available
<b>Solubility:</b>	Soluble in water
<b>Partition coefficient:n-octanol/water:</b>	No data available
<b>Viscosity:</b>	Mixture has not been tested
<b>Explosive properties:</b>	Mixture has not been tested
<b>Oxidizing properties:</b>	Mixture has not been tested
<b>Other information:</b>	No data available

## SECTION 10: Stability and reactivity

<b>Stability:</b>	Stable under normal conditions.
<b>Chemical stability:</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions:</b>	Hazardous reaction has not been reported.
<b>Conditions to avoid:</b>	No information available.
<b>Incompatible materials:</b>	Oxidizing agents. Acids. Bases. Sulfur trioxide. Iodine.
<b>Hazardous decomposition products:</b>	No data available

## SECTION 11: Toxicological information

### Acute Toxicity

No toxicology information is available.

### Principle Routes of Exposure

### Potential Health Effects

<b>Irritation:</b>	Conclusive but not sufficient for classification
<b>Corrosivity:</b>	Conclusive but not sufficient for classification
<b>Sensitization:</b>	Conclusive but not sufficient for classification
<b>STOT – single exposure:</b>	Conclusive but not sufficient for classification
<b>STOT – repeated exposure:</b>	Conclusive but not sufficient for classification
<b>Carcinogenicity:</b>	Conclusive but not sufficient for classification
<b>Mutagenicity:</b>	Conclusive but not sufficient for classification
<b>Reproductive toxicity</b>	Conclusive but not sufficient for classification
<b>Aspiration hazard:</b>	Conclusive but not sufficient for classification

## SECTION 12: Ecological information

**Ecotoxicity** Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

<b>Persistence and degradability:</b>	No information available.
<b>Bioaccumulative potential:</b>	No information available
<b>PBT and vPvB assessment:</b>	Does not contain any substances assessed to be a PBT or vPvB
<b>Other adverse effects:</b>	No information available

## SECTION 13: Disposal considerations

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. The material and its container must be disposed of in accordance with approved disposal technique. Disposal of this product, its solutions or any by-products shall comply with the local, regional or national/federal regulations.

## SECTION 14: Transport information

### IATA / ADR / DOT-US / IMDG

Proper Shipping Name	Not regulated in the meaning of transport regulations
Hazard Class	None
Subsidiary class	None
Packing group	None
UN-No	None
Environmental hazards	None

## SECTION 15: Regulatory information

### US Federal Regulations

#### SARA 313

This product is not regulated by SARA.

#### Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain HAPs.

### US State Regulations

#### California Proposition 65

This product does not contain any Proposition 65 chemicals.

### WHMIS Hazard Class

Non-controlled

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

## SECTION 16: Other information

**Creation date:** April 17, 2019

**Last update:** April 17, 2019

**Reason for revision:** N/A

**Revision number:** 0

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### References

- ECHA: <http://echa.europa.eu/>
- TOXNET: <http://toxnet.nlm.nih.gov/>
- eChemPortal: <http://www.echemportal.org/>
- LOLI database: <https://www.chemadvisor.com/loli-database>

"The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution.

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