



SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product identifiers

Product name : **Tris Buffered Saline**

Product Number : REF **100991**

Brand : Bio/Data Corporation

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

Identified uses:

IVD

For in vitro diagnostic use; professional laboratory use by qualified personnel only

Laboratory chemicals. Diluent for platelet aggregation test.

1.3 Details of the supplier of the safety data sheet:

Company : Bio/Data Corporation
155 Gibraltar Road
Horsham, PA 19044
UNITED STATES

Telephone: +1 215 441-4000
Fax: +1 215 443-8820
Email: customer.service@biodatacorp.com
Web Site: www.biodatacorp.com

1.4 Emergency telephone

Emergency Phone #: Follow laboratory chemical hazard protocol
+1 215 441-4000 (0830 – 1630)

An ISO 13485 Registered Company

155 Gibraltar Road, Horsham, PA 19044 U.S.A.

Worldwide: (215) 441-4000 U.S.A.: (800) 257-3282 Fax Worldwide: (215) 443-8820

www.biodatacorp.com e-mail: customer.service@biodatacorp.com

SECTION 2: HAZARDS IDENTIFICATION2.1 Classification of the substance or mixture:

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures (CLP).

2.2 Label Elements: Not Applicable2.3 Other Hazards: None
Restricted to professional users**SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**3.1 Substances

Not Applicable, the product is not a substance

Synonyms: Tris Buffered Saline, TBS, 0.06M, pH 7.5

Molecular weight: 18.02 g/mol

CAS-No.: 6850-28-8

EC-No.: n/a

3.2 Mixtures

Component	Identifier	Classification
Tris Buffer	Cas No.: 6850-28-8	Not Hazardous
Sodium Chloride	Cas No.: 7647-14-5	Not Hazardous

SECTION 4: FIRST AID MEASURES4.1 Description of first-aid measures

If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash off with soap and plenty of water.
In case of eye contact	Flush eyes with water for at least 15 minutes as a precaution.
If swallowed	Never give anything by mouth to an unconscious person. Rinse mouth with water.

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

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

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

No further information available

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture:

Nature of decomposition products not known.

5.3 Advice for firefighters:

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information:

No further information available

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid breathing vapors, mist or gas. For personal protection see section 8.

6.2 Environmental precautions:

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up:

Keep in suitable, closed containers for disposal. Collect spilled material with absorbent material. Clean contaminated surfaces and devices in compliance with all applicable legal requirements and regulations. Transfer to suitable, closed and sealed container for disposal.

6.4 Reference to other sections:

For disposal see section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

Advice on protection against fire and explosion
Normal measures for preventive fire protection.

Hygiene measures
General industrial hygiene practice.
For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities:

Keep container tightly closed in a dry and well-ventilated place.
Recommended storage temperature 2-8 ° C.
Storage class (TRGS 510): 12: Non-Combustible Liquids

7.3 Specific end use(s):

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Ingredients with workplace control parameters:

It doesn't contain substances with occupational exposure limit value, no parameters available for monitoring.

8.2 Exposure controls:

Appropriate engineering controls:

Restricted to professional users. General industrial hygiene practice.

Personal protective equipment:*Eye/Face protection:*

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. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface). 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.

Body protection:

Impervious clothing, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection:

Respiratory protection is not required.

Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure:

Do not let product enter drains.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties:**

a)	Appearance Form	:	Liquid
			Color: Colorless
b)	Odor	:	No Data Available
c)	Odor Threshold	:	No Data Available
d)	pH	:	7.5
e)	Melting point / freezing point	:	0.0 °C (32.0 °F)
f)	Initial boiling point and boiling range	:	100.0 °C (212.0 °F)
g)	Flash point	:	No Applicable
h)	Evaporation rate	:	No Data Available

i)	Flammability (solid, gas)	:	No Data Available
j)	Upper/Lower flammability or explosive limits	:	No Data Available
k)	Vapor pressure	:	No Data Available
l)	Vapor density	:	No Data Available
m)	Relative density	:	No Data Available
n)	Water solubility	:	Completely Miscible
o)	Partition coefficient - n-octanol/water	:	No Data Available
p)	Autoignition temperature	:	No Data Available
q)	Decomposition temperature	:	No Data Available
r)	Viscosity	:	No Data Available
s)	Explosive properties	:	Not classified as explosive
t)	Oxidizing properties	:	None

9.2 Other safety information:

No Other Data Available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

No Data Available

10.2 Chemical stability:

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions:

No Data Available

10.4 Conditions to avoid:

No Data Available

10.5 Incompatible materials:

No Data Available

10.6 Hazardous decomposition products:

No data available. In the event of fire: see section 5

SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects:**

Acute toxicity : Oral: No Data Available
Inhalation: No Data Available
Dermal: No Data Available

Skin corrosion/irritation : No Data Available

Serious eye damage/eye irritation: No Data Available

Respiratory or skin sensitization : No Data Available

Germ cell mutagenicity : No Data Available

Carcinogenicity : IARC: No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

Reproductive toxicity : No Data Available

Specific target organ toxicity : single exposure - No Data Available

Specific target organ toxicity : repeated exposure - No Data Available

Aspiration hazard : No Data Available

11.2 Additional Information : RTECS: No Data Available

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity : No Data Available

12.2 Persistence and degradability : No Data Available

12.3 Bio accumulative potential : No Data Available

12.4 Mobility in soil : No Data Available

12.5 Results of PBT and vPvB assessment:

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

12.6 Other adverse effects : No Data Available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product: Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated Packaging: Dispose of as required by regional waste disposer.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number: ADR/RID: - IMDG: - IATA: -

14.2 UN proper shipping name: ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

US DOT: Not dangerous goods

IATA: Not dangerous goods

14.3 Transport hazard class(es): ADR/RID: - IMDG: - IATA: -

14.4 Packaging group: ADR/RID: - IMDG: - IATA: -

14.5 Environmental hazards: ADR/RID: no IMDG Marine pollutant: no IATA: no

14.6 Special precautions for user: No Data Available

Not classified as dangerous in the meaning of transport regulations.

SECTION 15: REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2008.

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

No Data Available

15.2 Chemical Safety Assessment:

For this product a chemical safety assessment was not carried out

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

No SARA Hazards

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

water	CAS-No. 7732-18-5	Revision Date
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New Jersey Right To Know Components

water	CAS-No. 7732-18-5	Revision Date
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California Prop. 65 Components

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

SECTION 16: OTHER INFORMATION

Restrictions on use: No Data Available

Advice: No Data Available

Literary Reference: No Data Available

Further information:

Preparation Date: April 1, 2023

Revision Level and Date: Revision A, February 1, 2024

Abbreviations and Acronyms:

SDS:	Safety Data Sheet
PBT:	Persistence, Bioaccumulation, Toxicity
vPvB:	Very persistent and very bio accumulative
STOT	specific target organ toxicity
SCBA:	Self-contained breathing apparatus
ADR:	Agreement concerning the carriage of dangerous goods by road
RID	Regulation concerning the international carriage of dangerous goods by rail
IMDG	International Maritime Dangerous Goods code
IATA	International air transport organization
DOT	US Department of Transportation
ANSI	American National Standards Institute
OSHA	Occupational Safety & Health Administration (US)

Information related to the Regulation EC/1272/2008

This product is intended for **IN VITRO diagnostic use only**. NOT FOR INJECTION OR INGESTION. The information herein is believed to be correct as of the date hereof and excludes any guarantee related with the final use given to the product, being the recipient the last responsible for observing the local laws applicable in each case.