

1: Identification of substance / mixture

1. Product Identifier

Mixture

Product Name **Tris-Borate-EDTA (TBE) 10x solution**
Product Code T32020
CAS Number
Other Names
IUPAC
MFCN Number
EC/EINECS
REACH Number Index-No

2. Relevant identified uses of the substance or mixture and uses advised against

3. Details of the supplier of the safety data sheet

Melford Laboratories Ltd
Bildeston Road, Chelsworth
Ipswich
Suffolk
IP77LE
UK



Telephone: 01449 741178
Fax: 01449 741217
Email: support@melford.co.uk

4. Emergency telephone number

+44(0)1449 741178 -

2. Hazards Identification

1. Classification of the substance or mixture

Non Hazardous

2. Label elements

Non Hazardous

Hazard Statements

Non Hazardous

Precautionary Phrases

Non Hazardous

3. Other Hazards

Non Hazardous

3. Composition / Information on Ingredients

2. Mixtures

Product Name	Hazards	Concentration
Water		
CAS Number: 7732-18-5		Q.S.
EDTA disodium salt dihydrate		
CAS Number: 6381-92-6		20 mM
TRIS		
CAS Number: 77-86-1		0.89M
Boric acid		
CAS Number: 10043-35-3		0.89M

4. First Aid Measures

1. Description of first aid measures

Skin Contact

Eye Contact

Ingestion

Inhalation

2. Most important symptoms and effects

3. Indication of any immediate medical attention

5. Firefighting measures

1. Extinguishing Media

Suitable

Unsuitable

2. Special Hazards arising from the substance or mixture

3. Advice for Fire Fighters

6. Accidental Release Measures

1. Personal Precautions

Do not take action without suitable protective clothing -see section 8 of SDS. Evacuate personnel to safe areas. Ensure adequate ventilation. Avoid breathing vapors, mist, dust or gas.

2. Environmental Precautions

Do not discharge into drains or rivers.

3. Methods & Materials

Cover spillage with suitable absorbent material.
Transfer to a closable, labelled salvage container for disposal by an appropriate method.

4. Preventing the occurrence of secondary hazards.

Clean up all spills immediately. Wear suitable PPE.

7. Handling and Storage

1. Personal Precautions

Safe Handling

*Protection against
explosions and fires*

2. Conditions for safe storage, including any incompatibilities

Managing Storage Risks

Storage Controls

Maintaining Integrity

Other advice

3. Specific End Uses

8. Exposure Controls/Personal Protection

1. Control Parameters

No Data Available

2. Exposure Controls

General protective and hygiene measures

Engineering measures

Eye / Face Protection

Hand protection

Respiratory protection

Skin protection

Other personal protection advice

9. Physical and Chemical Properties

1. Physical and Chemical Properties

Appearance	Liquid
Odour	No Data Available
Odour threshold	No Data Available
PH	8.3-8.5
Melting point / Freezing point	No Data Available
Initial boiling point and boiling range	No Data Available
Flash point	No Data Available
Evaporation rate	No Data Available
Flammability(solid,gas)	No Data Available
Upper/lower flammability or explosive limits	No Data Available
Vapour pressure	No Data Available
Vapour density	No Data Available
Relative density	No Data Available
Solubility(ies):	No Data Available
Partition coefficient: n-octanol/water	No Data Available
Auto-ignition temperature	No Data Available
Decomposition temperature	No Data Available
Viscosity	No Data Available
Explosive properties	No Data Available
Oxidising properties	No Data Available

2. Other Information

No additional information available

10. Stability and Reactivity

1. Reactivity

2. Stability

3. Possibility of Hazardous Reactions

4. Conditions to Avoid

5. Incompatible Materials

6. Hazardous Decomposition Products

11. Toxicology information

1. Information

Acute Toxicity

Skin corrosion/irritation

*Serious eye
Damage/irritation
Respiratory or skin
sensitisation
Germ Cell mutagenicity
Carcinogenicity
Reproductive toxicity
STOT-single exposure
STOT-repeated exposure
Aspiration hazard*

2. Additional

12. Ecological Information

1. Toxicity

2. Persistence and degradability

3. Bio-Accumulative Potential

4. Mobility and Soil

5. Results of PBT & vPvB assessment

6. Other adverse effects

13. Disposal Considerations

1. Waste Treatment Methods

*Disposal Operations
Disposal of Packaging*

14. Transport Information

Air (ICAO)

Not classified as hazardous for transport

Road (ADR)

Not classified as hazardous for transport

Sea (IMDG)

Not classified as hazardous for transport

15. Safety, health, environmental and national regulations

1. Safety, health, environmental and national regulations:

2. Safety Assessment

No Chemical Safety Assessment

16. Other Information

1. Other Information:

3. Disclaimer