

Bioland Scientific LLC

Material Safety Data Sheet

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1. PRODUCT AND COMPANY IDENTIFICATION

Product name	20xTE
Product Number	TE03
Brand	Bioland Scientific LLC
Company	Bioland Scientific LLC 14925 Paramount Blvd., Suite C Paramount, CA 90723 USA
Telephone	1-562-377-2668
Fax	1-562-733-6008
Emergency Phone #	1-562-377-2668

2. COMPOSITION/INFORMATION ON INGREDIENTS

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

3. HAZARDS IDENTIFICATION

GHS – Classification

Signal Word

None

Health hazards

Not Hazardous

Physical hazards

Not Hazardous

Hazard Statements

Not Hazardous

Precautionary Statements

Prevention

Not Applicable

Response

Not Applicable

Storage

Not Applicable

Disposal

Not Applicable

Other hazards

Not Applicable

HMIS

Health	0
Flammability	0
Reactivity	0

4. FIRST AID MEASURES**Skin contact**

Rinse with plenty of water . Immediate medical attention is not required..

Eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if Present and easy to do

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

Notes to Physician

Treat symptomatically

Most important symptoms and effects, both acute and delayed.

Not Applicable

Indication of any immediate medical attention and special treatment needed

None.

5. FIRE-FIGHTING MEASURES**Extinguishing media****Suitable extinguishing media**

Water spray. Carbon dioxide (CO2). Foam. Dry chemical

Unsuitable extinguishing media

No information available

Specific hazards arising from the substance or mixture

Not known

Advice for fire-fighters

Standard procedure for chemical fires

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation. Always wear recommended Personal Protective Equipment. Use personal protection equipment. See Section 8 for more detail.

Environmental precautions

No special environmental precautions required.

Methods and material for containment and cleaning up

Soak up with inert absorbent material.

Reference to other sections

See section 8 for more information.

7. HANDLING AND STORAGE

Precautions for safe handling

Use personal protective equipment as required.

Conditions for safe storage, including any incompatibilities

Keep in a dry, cool and well-ventilated place. Keep in properly labeled containers

Specific end use(s)

For research use only.

8.EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits

Contains no substances with occupational exposure limit values.

Engineering measures

Ensure adequate ventilation, especially in confined areas

Exposure controls

Personal Protective Equipment

Respiratory protection

In case of insufficient ventilation wear respirators and components tested and approved under appropriate government standards.

Hand protection

Wear suitable gloves Glove material: Compatible chemical-resistant gloves.

Eye protection

Tight sealing safety goggles

Skin and Body Protection

Wear suitable protective clothing

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice

Environmental exposure controls

No special environmental precautions required.

9.PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance

liquid

Odor

No data available

pH

6-8

Melting point / melting range

°C Mixture has not been tested

°F Mixture has not been tested

Boiling point / boiling range

°C Mixture has not been tested

°F Mixture has not been tested

Flash point

°C Mixture has not been tested

°F Mixture has not been tested

Autoignition Temperature

°C Mixture has not been tested

°F Mixture has not been tested

Decomposition temperature

°C Mixture has not been tested

°F Mixture has not been tested

Evaporation rate

No data available

Flammability (solid, gas)

No data available

Upper explosion limit

Mixture has not been tested

Lower explosion limit

Mixture has not been tested

Vapor Pressure

Mixture has not been tested

Relative density

Mixture has not been tested

Specific gravity

No data available

Solubility

No data available

Partition coefficient: n-octanol/water No data available

Explosive properties

Mixture has not been tested

Other information

No data available

10. STABILITY AND REACTIVITY

Reactivity	None known.
Chemical stability	Stable under normal conditions.
Possibility of hazardous Reactions	Hazardous reaction has not been reported.
Conditions to avoid	No information available.
Incompatible materials	No dangerous reaction known under conditions of normal use.
Hazardous decomposition Products	No data available.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

There is no evidence available indicating acute toxicity.

Principal Routes of Exposure

Irritation	Conclusive but not sufficient for classification
Corrosivity	Conclusive but not sufficient for classification
Sensitization	Conclusive but not sufficient for classification
STOT - Single Exposure	Conclusive but not sufficient for classification
STOT - Repeated Exposure	Conclusive but not sufficient for classification
Carcinogenicity	Conclusive but not sufficient for classification
Mutagenicity	Conclusive but not sufficient for classification
Reproductive toxicity	Conclusive but not sufficient for classification
Aspiration hazard	Conclusive but not sufficient for classification

12. ECOLOGICAL INFORMATION

Toxicity

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

Persistence and degradability No information available.

Bioaccumulative potential No information available.

Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

Other adverse effects No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

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

14.TRANSPORTATION INFORMATION

IATA / ADR / DOT-US / IMDG

Not regulated in the meaning of transport regulations.

UN number Not Applicable

UN proper shipping name Not Applicable

Transport hazard class(es) Not Applicable

Packing group Not Applicable

Environmental hazards Not Applicable

Special precautions for user Not Applicable

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not Applicable.

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 contains 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.

16.OTHER INFORMATION

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