

SOUTHERN GROUP LABORATORY LIMITED

SAFETY DATA SHEET

SECTION 1.	IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING
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1.1 Product identifier

Product name TSAT Complete, 90mm

SGL Product code 7177

This product is a mixture

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

Identified uses Product for laboratory analysis

Uses advised against No information on uses against available

1.3. Details of the supplier of the safety data sheet

Supplier Southern Group Laboratory,
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SECTION 2.	HAZARDS IDENTIFICATION
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2.1 Classification of the substance or mixture

Classification according to regulation (EC) No 1272/2008

Physical hazards

Based on available data, no classification met

Health hazards

Based on available data, no classification met

Environmental hazards

Based on available data, no classification met

This product does not meet the criteria for classification in any hazard class. A safety data sheet is being supplied for information.

2.2. Label elements

Pictogram	None
Signal word	None
Hazard statements	None
Precautionary statements	None
Supplementary Precautionary Statements	EUH208: Contains Sodium pyruvate. May produce an allergic reaction.

2.3. Other hazards None

SECTION 3.	COMPOSITION/INFORMATION ON INGREDIENTS
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3.1. Substances

Not applicable

3.2. Mixtures

Name	EC No.	CAS-No.	Concentration	Classification
2,3,5 Triphenyltetrazolium chloride (TTC)	206-071-6	298-96-4	<0.01% w/v	Eye Irritation 2: H319 Skin Irritation 2: H315 Specific Target Organ Toxicity (STOT), Single Exposure (SE) 3 (narcosis): H336 Flammable Solids 1: H228

Composition comments

The data shown are in accordance with Regulation (EC)
No. 1272/2008

SECTION 4.	FIRST-AID MEASURES
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4.1 Description of first aid measures



Inhalation

Remove from exposure

Ingestion

Wash out mouth thoroughly with water. In severe cases and/or if
symptoms occur, obtain medical attention

Skin contact

Wash off thoroughly with soap and water. Remove contaminated
clothing and wash before re-use

Eye Contact

Irrigate thoroughly with water for at least 10 minutes. If discomfort
persists, obtain medical attention

Self Protection of the first aider

No special precautions identified

4.2 Most important symptoms and effects, both acute and delayed

None expected under normal circumstances. In extreme cases may cause nausea,
vomiting and/or diarrhoea if ingested.

4.3. Indication of any immediate attention and special treatment needed

Notes for doctor

No specific recommendations

SECTION 5.	FIRE – FIGHTING MEASURES
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5.1. Extinguishing media

Suitable extinguishing media Water, foam, carbon dioxide (CO₂), powder

Unsuitable extinguishing media None identified

Prevent fire fighting media from entering watercourses or ground water.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products Possible generation of hazardous gases or vapours in event of fire.

5.3. Advice for firefighters

Protective actions during firefighting Wear self contained breathing apparatus (SCBA).
Should not be released into the environment.

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

Wear personal protective clothing as described in Section 8 of this safety data sheet

6.2. Environmental precautions

Should not be released into the environment

6.3. Methods and material for containment and cleaning up

Collect and seal material in closed container. Wear personal protective clothing as recommended in Section 8. Wash site of spillage thoroughly with water and detergent. Dispose as recommended in Section 13.

6.4. Reference to other sections

Section 8 for protective measures
Section 13 for disposal considerations

SECTION 7.	HANDLING AND STORAGE
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7.1 Precautions for safe handling

Wear personal protective clothing. Avoid contact with skin, eyes and clothing. Avoid formation of aerosols. Wash hands after working with material. Should not be released into environment.

7.2 Conditions for safe storage, including any incompatibilities

Store according to label requirements. Keep closed and protected from direct sunlight.

7.3 Specific end use(s)

Use in laboratories

SECTION 8.	EXPOSURE CONTROLS/PERSONAL PROTECTION
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8.1 Control parameters

Component	CAS No	Long Term Exposure Limit (8 hr TWA Reference Period)	Short Term Exposure (15 Min Reference Period)	Basis	Comments
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

This mixture contains no components with known occupational exposure limits.

8.2 Exposure controls

Individual protection

Avoid contact with skin, eyes and clothing. Wash hands before breaks.

Protective equipment



Eye/face protection

None needed during normal use

Hand protection

Disposable nitrile rubber gloves complying with EC Directive 89/686/EEC and Standard EN374
Glove thickness of 0.11mm
See manufacturer's recommendations for break through times

Other skin and body protection

Long sleeved clothing

Hygiene measures

Wash hands after use

Respiratory protection

None needed during normal use

Environmental exposure controls

Avoid release into environment

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

Appearance	Solid
Colour	Pale straw / yellow
Odour	No data available
Odour threshold	No data available
pH	6.9 ± 0.2 at 20°C
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	
Lower explosion limit (VOL-%)	No data available
Upper explosion limit (VOL-%)	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

9.2. Other information

Explosive properties	No data available
Oxidising properties	No data available

SECTION 10.	STABILITY AND REACTIVITY
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10.1 Reactivity

None known

10.2 Chemical stability

Stable under storage at normal conditions

10.3 Possibility of hazardous reactions

None known

10.4 Conditions to avoid

Avoid exposure to direct sunlight.

10.5 Incompatible materials

None known

10.6 Hazardous decomposition products

None known

SECTION 11.	TOXICOLOGICAL INFORMATION
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11.1 Information on toxicological effects

The acute toxicity data is based on the mixture

Acute oral toxicity	No data available
Acute dermal toxicity	No data available
Acute inhalation toxicity	No data available
Skin corrosion/irritation	No data available
Serious eye damage/irritation	No data available
Respiratory or skin sensitisation	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
STOT single exposure	No data available
STOT repeated exposure	No data available
Aspiration hazard	No data available

11.2 Additional information

In extreme cases may cause nausea, vomiting and/or diarrhoea if ingested.

Endocrine disruptors	No data available
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SECTION 12.	ECOLOGICAL INFORMATION
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12.1 Toxicity

No information available

12.2 Persistence and degradability

No information available

12.3 Bioaccumulative potential

No information available

12.4 Mobility in soil

No information available

12.5 Results of PBT and vPvB assessment

No information available

12.6 Endocrine

None known

12.7 Other adverse effects

None known

SECTION 13.	DISPOSAL CONSIDERATIONS
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13.1 Waste treatment methods

Sterilise used containers by, for example, autoclaving before final disposal. Dispose of in accordance with applicable local and national regulations.

Waste should not be disposed of by release to sewers.

SECTION 14.	TRANSPORT INFORMATION
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Not classified as dangerous according to transport regulations.

Land transport (ADR/RID) / Sea transport (IMDG) / Air transport (ICAO-TI/IATA-DGR)

14.1 UN number Not applicable

14.2 UN proper shipping name Not applicable

14.3 Transport hazard class(es) Not applicable

14.4 Packing group Not applicable

14.5 Environmental hazards No data available

14.6 Special precautions for user No data available

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

Not applicable, packaged goods.

SECTION 15.	REGULATORY INFORMATION
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15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No specific additional legislation.

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16.	OTHER INFORMATION
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16.1 Relevant H- and EUH-phrases (number and full text)

H228: Flammable solid
H315: Causes skin irritation
H319: Causes serious eye irritation
H336: May cause drowsiness or dizziness

16.2 Additional information

The above information is based on present knowledge, but does not purport to be inclusive and should only be used as a guide. Southern Group Laboratory shall not be held liable for any damage resulting from handling or from contact with the above product.

The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made up material.

16.3 Revision summary

Changes to this issue First issue.

Revision Date: 11.08.2025
Issue No: 01

END OF SAFETY DATA SHEET