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MSDS
TRITC-Polysucrose

Section 1. Product Identification

Product name:	TRITC-Polysucrose
Chemical name:	Polysucrose(3',6'tetramethylamino dihydroxy-3-oxospiro(isobenzofuran-1(3H),9'-[9H]xanthen]-5(or 6)-yl)carbamothioate
Catalogue no.	TP20, TP40, TP70, TP400,
CAS no.	N/A
Mol. Formula:	N/A
Manufacturer:	TdB Consultancy AB, Virdings Allé 16, 754 50 Uppsala, SWEDEN Tel: +46 18 7001204

Section 2. Composition/Information on ingredients

Chemical family:	carbohydrate polymer
Appearance/odour:	red powder, no distinctive odour
Melting point:	Decomposes on heating
Solubility:	soluble in water
Molecular weight:	20000; 40000; 70000; 400000 Dalton

Section 3. Hazards Identification

Routes of entry	Effects of occupational over exposure
1. Inhalation	No information on the toxicity after inhalation. Most dust will produce irritation, inflammation or toxic symptoms on prolonged inhalation.
2. Eye contact	No information available on eye exposure.
3. Skin contact	Dermal absorbtion not known but presumably nil.
4. Ingestion	No information available of toxicity available.

Section 4. First-aid Procedures

Inhalation:	Remove exposed person to fresh air. Get medical attention.
Eyes:	Wash thoroughly with water for 15 minutes. Get medical attention.
Skin:	Wash off with soap and water.
Ingestion:	Rinse mouth with water and give water to drink. No treatment required if only small amount.

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Section 5. Fire-fighting Measures

Extinguishing media:	Carbon dioxide, dry chemicals or water
Special fire-fighting procedures:	Use media appropriate for primary cause of fire.

Section 6. Accidental Release Measures

Action in event of spill:	Collect material taking precautions to minimize dust. Use wet mop. Place collected material in suitable container for disposal. Flush area with water and drain into sewer. Floor may become slippery.

Section 7. Handling and storage

Precautions to be taken when handling.

Protect from dust. Use approved face-mask and protective clothes. Wear safety glasses. In case of severe and repeated exposure follow recommendations of local safety officer. Store in tight dark container.

Section 8. Exposure Controls/Personal Protection

Exposure limit:	Not established
Special personal protective equipment:	Use suitable protective clothing
Respiratory:	Use approved face mask.
Eyes:	Use safety goggles.
Gloves:	Use plastic gloves

Section 9. Physical and Chemical Properties

Formula:	N/A
Vapour pressure:	N/A
Melting point:	Decomposes
Boiling point:	N/A
Molecular weight:	approx. 20000-400000 Dalton
Flash point:	N/A
Solubility in water:	> 50% by weight

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Section 10. Stability and Reactivity

Stability (normal conditions):	Stable for more than 6 years when stored dry in well-sealed containers at ambient temperature.
Hazardous polymerization:	Does not occur
Conditions to avoid:	High humidity
Incompatibility:	Avoid contact with oxidizing agent (e.g. nitric acid)
Hazardous decomposition products:	Thermal decomposition may yield oxides of carbon and small amounts of oxides of nitrogen and sulfur.

Section 11. Toxicological information

Toxicity information:	The substance is well tolerated by experimental animals and cells and no toxic effects are expected under normal operating conditions. No formal toxicity reports available.
LD50:	N/A

Section 12. Ecological information

No information available. However Polysucrose itself is biodegradable.

Section 13. Disposal Recommendations

Collect material taking precautions to minimize dust. Use wet mop. Place collected material in suitable container for disposal. Flush area with water and drain into sewer. Large quantities may be incinerated.

Section 14. Transport information

EEC:	Not listed
Dangerous goods:	Not restricted
EINECS:	Not listed

Section 15. Regulatory information

S22: Avoid inhalation of dust.