

## MATERIAL SAFETY DATA SHEET

### Stop Solution for TMB Substrate

#### 1. Identification of the substance/preparation and of the company/undertaking

**Product name:** Stop solution for TMB substrate  
**Chemical formula:** N/A  
**Art. no:** A10-9500-50  
**Manufacturer:** Medicago AB  
Danmark Berga  
SE-755 98 Uppsala  
Sweden  
tel.: +46 (0) 18 56 11 80  
fax: +46 (0) 18 56 11 88  
**Emergency Phone:** 112 (Sweden)

#### 2. Hazards identification

**Physical/chemical hazards:** The composition is not classified as dangerous according to Directive 1999/45/EC.

#### 3. Composition/information on ingredients

Chemical name:	CAS no.:	EC no.:	Symbol:	Amount	Index no.:
Sulfuric acid	7664-93-9	-	-	0.25 g	
	<b>R-phrases:</b>	<b>S-phrases:</b>			

**Other ingredients:** Water

#### 4. First-aid measures

**Ingestion:** In case of ingestion, immediately wash mouth with water. Seek medical attention.  
**Inhalation:** Supply fresh air and seek medical attention.  
**Skin contact:** In case of contact, immediately wash skin thoroughly with soap and plenty of water. Get medical attention.  
**Eye contact:** In case of contact with eyes, irrigate thoroughly with water for several minutes. Get medical attention if irritation occurs.

#### 5. Fire-fighting measures

**Flammability of the product:** In a fire or if heated, a pressure increase will occur and the container may burst.  
**Extinguishing media:** Use dry chemical powder, water spray, carbon dioxide or alcohol resistant foam.  
**Special fire-fighting procedures:** Wear self-contained breathing apparatus and full turnout gear.

#### 6. Accidental release measures

**Personal precautions:** Safety goggles. Plastic apron. Rubber gloves. Boots if handling big amounts.  
**Spill and leak:** Stop leak. Dilute with water. Clean the surface with water. Ventilate the room. If large spill – collect spillage with non-combustible material such as sand or earth.

## 7. Handling and storage

<b>Handling:</b>	Keep container tightly closed. Keep away from sources of ignition. Do not smoke, eat or drink while handling the material. Wash hands after handling.
<b>Storage:</b>	Keep tightly closed. Store at +2°C-8°C. Keep container closed and protected from light and moisture.

## 8. Personal protection/exposure controls



<b>Protective clothing:</b>	
<b>Personal protective equipment:</b>	Safety goggles, rubber gloves, plastic apron or lab coat, dust respirator.
<b>Engineering measures:</b>	Extraction hood
<b>Hygiene measures:</b>	Wash hands after handling compounds and before eating, smoking and using lavatory.

## 9. Physical and chemical properties

Physical state:	Liquid
Odour:	Odourless
Colour:	Colourless
pH	N/A
Molecular Weight	N/A
Molecular formula:	N/A
Boiling Point/BP Range	N/A
Freezing Point	N/A
Auto ignition Temp	N/A
Oxidizing Properties	N/A
Explosive Properties (flashpoint)	N/A
Explosion Limits	N/A
Vapour Pressure	N/A
Viscosity	N/A
Vapour Density	N/A
Decomposition Temp	N/A
Solvent Content	N/A
Solubility in water	completely soluble

## 10. Stability and reactivity

<b>Stability:</b>	Stable, hazardous polymerization will not occur.
<b>Conditions to avoid:</b>	N/A
<b>Materials to avoid:</b>	N/A
<b>Hazardous decomposition products:</b>	N/A
<b>Hazardous polymerization:</b>	N/A

## 11. Toxicological information

<b>Signs and symptoms of exposure:</b>	N/A
<b>Acute toxicity:</b>	N/A
<b>Sensitisation:</b>	N/A
<b>Chronic exposure:</b>	No known evidence of oncogenicity.

## 12. Ecological information

**Ecotoxicity:** N/A

**Toxicity of the products of biodegradation:** N/A

## 13. Disposal considerations

Waste must be disposed of in accordance with federal, state and local environmental control regulations. This product is not considered hazardous waste, as defined by EU Directive 91/689/EEC.

## 14. Transport information

**RID/ADR** N/A

**IMDG** N/A

**ICAO/IATA** N/A

## 15. Regulatory information

N/A

## 16. Other information

**Precautions and Disclaimer:** For laboratory use only. Not for drug, household or other uses.

**Revision date:** 2010-10-12

### Notice to reader

To the best of our knowledge, the information given is accurate. However, we do not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.