

**AGMAX INDUSTRIES LTD**  
**Sorbitol**  
**SAFETY DATA SHEET**

Issue Date: September 09

**1. Product and Company Information**

**Product Name:** Agmax Sorbitol  
**Proper Shipping Name:** Sorbitol solution 70%  
**Synonyms:** Glucitol, Hexahydric Alcohol, d-Sorbitol  
**Recommended Use:** an emollient with Agmax Teatsprays  
**Manufacturer:** Agmax Industries Limited  
**Address:** 47 Allens Road, East Tamaki, Manukau City 2141, Auckland  
**Telephone Number:** 09 271 5290  
**Facsimile Number:** 09 271 5293  
0508 524 824 Monday – Friday 8:00 am – 5:00 pm  
**NZ Emergency Number:** 0800 243 622 (24 hours)  
**Website:** [www.agmax.co.nz](http://www.agmax.co.nz)  
**Email:** [info@agmax.co.nz](mailto:info@agmax.co.nz)

**2. Hazards Identification**

**Dangerous Goods** Class: N/A UN No. N/A  
Hazchem: N/A NOTS: 211036

Classified as GRAS (generally regarded as safe) by NZSFA register

**3. Composition / Information on Ingredients**

**Appearance:** Clear, water-white slightly viscous liquid, sweet taste

|                |                  |          |          |
|----------------|------------------|----------|----------|
| <b>CAS No:</b> | <b>50-70-4</b>   | Sorbitol | 69 – 71% |
|                | <b>7732-18-5</b> | Water    | 29 – 31% |

**4. First Aid Measures**

**Ingestion:** Product is FDA approved food additive. Large doses may cause gastrointestinal upset.

If large amounts swallowed, give water to drink and seek medical advise.

**Eye Contact:** No adverse effects expected

If in eyes, hold eyes open and flood with water for 10 to 15 minutes. If irritation persists, see a doctor.

**Skin Contact:** May cause dryness in some individuals, but overall has no adverse effects.  
Remove contaminated clothing and wash affected areas thoroughly with soap and water. If irritation persists, consult a doctor.

**Inhalation:** No adverse health effects expected from inhalation.  
Remove to fresh air. Get medical attention for any breathing difficulties.

**Note to Physician:** Treat symptomatically.

#### 5. **Fire-Fighting Measure:**

**Specific Hazards:** there is no danger of violent reaction or explosion. Material may decompose in a fire situation.

**Suitable**

**Extinguishing Media:** Water spray, dry chemical, alcohol foam or carbon dioxide.

#### 6. **Accidental Release Measures:**

**Spill Cleanup Methods:** Spills may be slippery. Absorb with dry sand for later disposal. Wash away residues with water.

#### 7. **Handling and Storage:**

**Handling:**

**Storage:** Store in a cool dry area away from direct sunlight and heat. Some product may solidify/crystallize below 15 deg C.

#### 8. **Exposure control / Personal Protection:**

**Exposure standards:** No exposure limits have been set for this material

**Engineering controls:** Ensure adequate ventilation to maintain exposure level to a minimum

**Personal Protection:** PVC gloves should be worn when handling

#### 9. **Physical and Chemical properties:**

**Appearance and Odor:** Clear, slightly viscous liquid, sweet taste

**Solubility in water (g/l):** miscible

**Specific Gravity:** 1.2994

**pH value:** 5 - 7

#### 10. **Stability and Reactivity:**

Stable under normal storage conditions

**11. Toxicological Information:**

|                        |  |
|------------------------|--|
| <b>Oral LD50</b>       | (Rat) 15900 mg/kg<br>(mouse) 23200 mg/kg |
| <b>Dermal LD50</b>     | not available                            |
| <b>Inhalation LC50</b> | not available                            |

**12. Ecotoxicity Information:**

N/A

**13. Disposal Considerations:**

**Container disposal:** Dispose of empty containers safely in accordance with local regulations.

**Product disposal:** Dispose of in accordance with local regulations.

**14. Transport Information:**

|                               |                       |
|-------------------------------|-----------------------|
| <b>UN No.</b>                 | N/A                   |
| <b>Dangerous Goods Class:</b> | N/A                   |
| <b>Hazchem code:</b>          | N/A                   |
| <b>Packing group:</b>         | N/A                   |
| <b>Proper Shipping Name:</b>  | Sorbitol 70% solution |

**15. NZ Regulatory Information:**

**ERMA Approval Code:**

**Group Standard:** Food Additive (US FDA)

**NZFSA** GRAS registered (Generally regarded as safe)

**16. Other Information:**

New Zealand Poisons Information Center 0800 POISON (0800 764 766)

Disclaimer:

The data given relates to this product alone, and not to its use in conjunction with other substances or products. In such circumstances, assuming the combination is permitted, refer to product labels, be guided by the most hazardous of the substances involved and observe the more stringent hazard controls applicable.

The information contained in this Safety Data Sheet was obtained from current and reliable sources. The data is supplied without warranty, expressed or implied regarding its correctness and accuracy. It is the user's responsibility to determine safe conditions for use of this product and to assume liability for loss, injury, damage, or expense resulting from improper use of this product.