

	MATERIAL SAFETY DATA SHEET	MSDS No.	B-01
	Solution Solution 70%	Effective From	18.08.2020

MATERIAL SAFETY DATA SHEET

SECTION # 1: Product Information

Trade Names : D-Sorbitol, Sorbitol Powder & Sorbitol Solution 70%

Product No : S1876

Manufacturer / Supplier Contact Information :

Name	Bloomchemag Private Limited
Address	Bloomchemag Private Limited Assotech Business Cresterra (ABC), Unit 108, Tower 1, Sector 135, Noida - 201301 India
Telephone	Phone: +91 120 4659134
Email	info@bloomchemag.com

Belgium Office Address –

Name	Bloomchemag bv
Address	Sint-Antoniusstraat 16 b1 B-2400, Mol, Belgium
Email	info@bloomchemag.com

SECTION # 2: Composition & Information on Ingredients

Sorbitol Powder

Formula: C6H14O6

Molecular Weight: 182,17 g/mol

CAS-No.	EC-No.	Index-No.	Classification	Concentration
D-Glucitol				
50-70-4	200-061-5	-	-	-



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Sorbitol Solution

Ingredient	CAS Number	EU EINECS/ELINCS List	Classification	%
Purified Water	7732-18-5	231-792-2	Not Listed	*
Sorbitol crystalline - NF	50-7-4	200-061-5	Not Listed	68-72

SECTION # 3: Hazardous Identification

This substance is not classified as dangerous according to Directive 67/548/EEC.

SECTION # 4: First Aid Measures**If inhaled**

If breathed in, move person into fresh air. If not breathing give artificial respiration

In case of skin contact

Wash off with soap and plenty of water.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

SECTION # 5: Fire Fighting Measures**Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for fire-fighters

Wear self contained breathing apparatus for firefighting if necessary.

SECTION # 6: Accidental Release Measure**Personal precautions**

Avoid dust formation.

Environmental precautions

Do not let product enter drains.

Methods for cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.



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SECTION # 7: Handling & Storage information**Handling**

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Storage

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

SECTION # 8: Exposure Control / Personal Protection**Personal protective equipment****Respiratory protection**

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection

For prolonged or repeated contact use protective gloves.

Eye protection

Safety glasses

Hygiene measures

General industrial hygiene practice.

SECTION # 9: Physical & Chemical properties**Appearance**

Form	Powder	Liquid
Color	White	Colorless
Odour	Not available	

Safety data

Taste	Sweet
PH	5.0 – 7.50
Specific gravity	1.285-1.230 (water = 1)
Boiling point	99.5 – 100.5°C
Vapour pressure	not applicable
Vapour density	no data available
Volatility	no data available
Odor Threshold	no data available
Critical temperature	not applicable
Solubility	easily soluble in cold water, hot water.



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SECTION # 10: Stability and Reactivity information**Storage stability**

Stable under recommended storage conditions.

Materials to avoid

Strong oxidizing agents

Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides

SECTION # 11: Toxicological information**Acute toxicity**

LD50 Oral - rat - 15900 mg/kg

Sorbitol crystalline - NF

Mouse Oral LD50 15900 mg/kg

Rat Intravenous LD50 7100 mg/kg

Irritation and corrosion

No data available

Sensitization

No data available

Chronic exposure

IARC: No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Genotoxicity in vitro - Hamster - ovary

Cytogenetic analysis

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Potential Health Effects**Inhalation** May be harmful if inhaled. May cause respiratory tract irritation.**Skin** May be harmful if absorbed through skin. May cause skin irritation.**Eyes** May cause eye irritation.**Ingestion** May be harmful if swallowed.**Additional Information**

RTECS: LZ4290000

SECTION # 12: Ecological information**Elimination information (persistence and degradability)**

No data available



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Ecotoxicity effects

No data available

Further information on ecology

No data available

SECTION # 13: Disposable Information**Product**

Observe all federal, state, and local environmental regulations.

Contaminated packaging

Dispose of as unused product.

SECTION # 14: Transportation Information

Transportation: in 300kgs Drums or Tankers

Special provision for transport: not applicable

SECTION # 15: Regulatory information

Other Regulatory Information: Central and State Regulations: Complied.

Sorbitol other regulations: not available

Other special considerations: not available

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