

Material Safety Data Sheet

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SORBITOL

Unit : Bio-Chemical Division of of GUJARAT AMBUJA EXPORTS LTD

PRODUCT INFORMATION

Product Identity

SORBITOL-70%

Generic Name

Sorbitol 70% Non Crystallising Grade; Sorbitol 70% Solution

Company

GUJARAT AMBUJA EXPORTS LTD
Ambuja Tower, Opp Memnagar Fire Station
Post Navjiva, Navrangpura, Ahmedabad- 380 014
Gujarat , India

Works : 1)

Maize Processing Unit

1, Vrindavan Road, Village : Dalpur
Tal: Prantij, Himatnagar
Dist : Sabarkantha, Gujarat-383006, India

2)

Maize Processing Unit

C-50 , Eldeco Cidcul Industrial Park,
Sitargang, Dist.: Udham Singh Nagar,
Uttaranchal- 263153

3)

Maize Processing Unit

Survey No.153/1,154-1/2/3, Madli Cross,
P.B. Road,(NH 04) Village-Hulsoggi,
PO-Manakatti, Tal Shiggaon, District-Haveri, Karnataka-581205

Not classified as Hazardous

TRADE NAME :

Sorbitol 70%

OTHER NAMES :

Sorbitol 70% Non Crystallising Grade; Sorbitol 70% Solution
USP.

U.N. NO. :

None Allocated

DG CLASS :

None Allocated

SUB RISK :

None Allocated

HAZCHEM :

None Allocated

POISON SCHEDULE : None Allocated

USES :

Sweetener, Fermentation, Humectant, Adhesives

PHYSICAL DESCRIPTION/ PROPERTIES

Appearance, odour : Clear, viscous liquid; Odourless

Melting Point : Not Available

Boiling Point : Not Available

Specific Gravity (20°C) : 1.285 - 1.305

Vapour Density (air=1) : Not Available

Vapour Pressure (20 °C) : Not Available

Flash Point (Closed cup) : Not Available

Flammability Limits (%) : Not Available

Solubility in water (g/L) : Complete

OTHER PROPERTIES

pH (50% solution) : 5.0 - 7.0

Stability and Reactivity : Stable under normal temperatures and pressures. Hygroscopic. Incompatible with strong oxidising agents.

INGREDIENTS

Chemical Name CAS Number Proportion

Sorbitol 50-70-4 70%

Water 7732-18-5 30%

HEALTH EFFECTS

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms that may arise if the product is mishandled are:

ACUTE EFFECTS -

SWALLOWED: Not injurious. Large doses may cause gastrointestinal effects. Sorbitol is an approved food ingredient.

EYE: No adverse effects expected. May cause mild irritation.

SKIN: No adverse effects expected.

INHALED: No adverse effects expected.

CHRONIC EFFECTS: NO KNOWN EFFECTS.

FIRST AID

SWALLOWED: Not considered hazardous. If large amounts ingested, give water and seek medical advice.

EYE: Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids to be held open.

SKIN: Wash with water.

INHALED: Remove from area. Get medical attention for any breathing problems.

ADVICE TO DOCTOR

No special advice.

TOXICITY

No data available.

EXPOSURE STANDARDS

No value assigned for this specific material

ENGINEERING CONTROLS

Ensure ventilation is adequate. Not expected to require any special ventilation.

PERSONAL PROTECTION

No special protection required, however use of safety glasses, gloves and overalls considered good practice.

FLAMMABILITY

Not flammable.

STORAGE AND TRANSPORT

Not defined as a Dangerous Good for the Transport of Dangerous Goods by Road and Rail.

Keep containers tightly closed. Keep away from incompatible materials. Sorbitol will crystallise out if exposed to low temperatures.

Do not store near boilers, heat sources, odorous materials or strong oxidising agents.

SPILLS

Small spills may be flushed away with water. Large spills - use absorbent material such as sand or earth. Collect and seal into properly labelled containers for disposal. If disposing into sewers, account should be taken of BOD/COD contribution to effluents. Local authorities should be consulted.

DISPOSAL

Refer to State Land Waste Management Authority.

FIRE/EXPLOSION HAZARDS

Not flammable material. If heated to decomposition, may produce toxic fumes (carbon dioxide, carbon monoxide, various hydrocarbons). Fire fighters to wear proper protective clothing and self-contained breathing apparatus.

In case of fire use water spray, carbondioxide, dry chemical or foam.

ENVIRONMENTAL IMPACT

No information available.

PREPARATION INFORMATION

Preparer/Responsible Party

Rajan Mathew
Gujarat Ambuja Exports Ltd
Ambuja Tower, Opp Memnagar Fire Station
Post Navjivan, Ahmedabad
Gujarat, Ahmedabad- 380 014

Information Date of Preparation: 29/08/2013

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Gujarat Ambuja Exports Ltd
Bio-Chemical Division