



The Worldwide Resource...

THE BTTCO OVERSEAS

A GOVT. OF INDIA RECOGNIZED *STAR EXPORT HOUSE*
A D&B CERTIFIED COMPANY - DUNS NUMBER: 87-229-6440

Material Safety Data Sheet Liquid Glucose

Section 1- Chemical Product and Company Identification

Chemical Name	: Liquid Glucose
Synonyms	: Corn Syrup
Molecular Weight	: It is a mixture of Mono, Di, Tri, Tetra, Penta, etc. & Higher Saccharides (Approximate: More Than 2000)
CAS Number	: 8029-43-4
Supplier Name & Contact Information	: The BTTCO Overseas 6, Ashirvad Complex, Nr. Sardar Patel Seva Samaj Hall, Navrangpura, Ahmedabad-380009, India
Telephone	: +91 94265 96891
Contact person	: Dinesh Lunkad

Section 2 - Composition/Information on Ingredients

Liquid glucose of 42DE Contains: (Acid converted)

Ingredient	Percent	Hazardous
Mono Saccharide	18.0 - 20.0	Not found
Di Saccharide	13.0 – 15.0	Not found
Tri Saccharide	11.0 – 13.0	Not found
Tetra Saccharide	09.0 – 11.0	Not found
Penta Saccharide	08.0 – 10.0	Not found
Higher Saccharide	31.0 – 41.0	Not found

Section 3 - Hazards Identification

Emergency Overview : As part of good industrial and personal hygiene and safety procedure, avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes and clothing.

Rated on the 1 to 10 scale as

Health rating	: 0 – none
Flammability rating	: 1 – slight
Reactivity rating	: 0 – none

6, Ashirvad Complex, Nr. Sardar Patel Seva Samaj Hall, Navrangpura, Ahmedabad-380 009
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Contact rating : 0 – none
Lab protective equipment's : Hand gloves, Lab Coat
Storage Colour code : Orange (General Storage)

Potential Health Effect

Eye contact : No adverse health effect expected
Skin contact : No adverse health effect expected
Inhalation : No adverse health effect expected from inhalation
Ingestion : No adverse health effect expected from ingestion
Chronic exposure : No information found
Aggravation of pre-existing condition : No information found

Section 4 - First Aid Measures

Eye contact : Wash thoroughly with running water. Get medical advice if irritation develops.
Skin contact : flush exposed area under running water and Wash exposed area with soap and water. Get medical advice if irritation develops.
Inhalation : Not expected to require first aid measures. Remove to fresh air. Get medical attention for any breathing difficulty.
Ingestion : If large volumes were swallowed, give water to drink, and get medical advice.

Section 5 - Fire Fighting Measures

Fire : As the most organic solids, fire is possible at elevated temperature or by contact with an ignition source.
Fire Extinguishing Media : Water spray, dry chemical, appropriate foam, or carbon dioxide.
Special Information : In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face-piece operated in the pressure demand or other positive pressure mode.



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Section 6 - Fire Fighting Measures

Remove all sources of ignition. Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8.

Spills : Clean up spills in a manner that does not disperse. Use non-sparking tools and equipment. Pick up spill for recovery or disposal and place in a closed container.

Sections 7 - Handling and Storage

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Isolate from incompatible substances. Containers of this material may be hazardous when empty since they retain product residues (liquid, solids); observe all warnings and precautions listed for the product.

Section 8 - Exposure Controls/Personal Protection

Eye Protection : Use chemical safety goggles.

Skin Protection : Wear protective gloves and clean body-covering clothing.

Airborne Exposure Limits : None established.

Ventilation System : Not expected to require any special ventilation.

Personal Respirators (NIOSH Approved) : Not expected to require personal respirator usage.

Section 9 - Physical and Chemical Properties

Appearance : Clear, Colourless Viscous, Syrupy Liquid.

Odour : Odourless.

Solubility : Miscible with Water

pH (50% Aque. Solution) : 4.5 – 5.5

Specific Gravity : 1.40 – 1.45(Depending upon D.S.%)

Section 10 - Stability and Reactivity

Stability : Stable under ordinary conditions of use and storage.

Hazardous Decomposition Products : Carbon dioxide and carbon monoxide may form when heated to decomposition.

Hazardous Polymerization : Will not occur.

Incompatibilities : Strong oxidizers.

Conditions to Avoid : Heat, ignition and incompatibles.

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Section 11 - Toxicological Information

Acute effects : May be harmful by inhalation, ingestion, or skin absorption.
May cause irritation.

Liquid Glucose Toxicity Data : No information found

Section 12 - Ecological Information

Environmental Fate : No information found.

Environmental Toxicity : No information found.

Section 13 - Disposal Considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

Section 14 - Transport Information

No special information found.

Section 15 - Regulatory Information

No special information is available.

Section 16 - Other Information

NFPA Ratings:

Health : 0
Flammability : 1
Reactivity : 0

Label Hazard Warning : As part of good industrial and personal hygiene and safety procedure, avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes and clothing.

Label Precautions : None

Label First Aid : Not applicable

Product Use : Used in Pharmaceutical formulations, food Products, Confectionery etc.

Revision Information : No changes



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Date: 01.04.2024

Place: Ahmedabad – Gujarat - India