

Issue Date: 13/05/2024
Last Revision Date: N/A
Superseded Date: N/A
Version Number: 01

SAFETY DATA SHEET

Product Code: **GLUTOSE15**

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SECTION 1 PRODUCT IDENTIFICATION

Product Name: Glucose 15 Oral Glucose Gel
SYNONYMS: 40% Dextrose Gel

SECTION 2 HAZARD IDENTIFICATION

TOXICITY: No toxicity data available for this material, however, toxicity is believed to be extremely low. Allergic reactions may develop in a few rare cases.

CARCINOGEN LISTED BY:

NTP	Yes ()	No (X)
IARC	Yes ()	No (X)
OSHA	Yes ()	No (X)
Other	Yes ()	No (X)

ROUTES OF ENTRY: Ingestion, contact.

SIGNS AND SYMPTOMS OF OVEREXPOSURE:

INHALATION: Not normally an inhalation hazard

EYE CONTACT: May cause irritation.

SKIN CONTACT: May cause irritation

INGESTION: May cause irritation of the gastrointestinal track, nausea, vomiting, and/or allergic reaction.

CHRONIC EFFECTS OF OVEREXPOSURE: Hyperglycemia may develop.

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE: Hyperglycemia, diabetes, glucose-galactose intolerance, Dextrose tolerance may be impaired in patients with renal failure.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

MOLECULAR FORMULA: Mixture.
MOLECULAR WEIGHT: N/A
CHEMICAL FAMILY: N/A

INGREDIENT (CAS #)	%	OSHA PEL	ACGIH TLV
Dextrose Anhydrous (50-99-7)	40	N/A	N/A
Glycerin(56-81-5)	5	N/A	N/A
Lemon flavour	2.4	N/A	N/A
Cellulose gum	1	N/A	N/A

Remainder of ingredients are present at less than 146 and are not hazardous.

SECTION 4 FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES:

INHALATION: None normally required.

EYE CONTACT: Flush with water for 15 minutes, lifting eyelids occasionally. If irritation develops or persists, seek medical attention

SKIN CONTACT: Wash with soap and water. If irritation develops or persists, seek medical attention.

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INGESTION: Not normally a hazard in small doses, however if a large dose is consumed, or adverse or allergic reactions occur, seek medical attention immediately.

SECTION 5 FIRE FIGHTING MEASURES

FLASH POINT (METHOD): N/A
FLAMMABLE LIMITS:
EXTINGUISHING MEDIA: Water spray, carbon dioxide, dry chemical, foam as appropriate for surrounding fire conditions
SPECIAL FIRE FIGHTING PROCEDURES: Fire lighters should wear full protective gear including self-contained breathing apparatus
UNUSUAL FIRE AND EXPLOSION HAZARDS: May produce toxic fumes if heated to decomposition.

SECTION 6 ACCIDENTAL RELEASE MEASURES

No information available

SECTION 7 HANDLING AND STORAGE

HANDLING PRECAUTIONS: No special precautions required.
STORAGE PRECAUTIONS: Avoid exposure to heat or freezing. Store in a cool, dry place.
OTHER PRECAUTIONS: None.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: None normally required
PROTECTIVE GLOVES: Rubber.
EYE PROTECTION: Safety glasses or goggles recommended.
VENTILATION: Normal room ventilation is usually adequate.
OTHER PROTECTIVE EQUIPMENT: Appropriate laboratory apparel
HYGIENIC WORK PRACTICES: Do not eat, drink or smoke near this material. Wash any contaminated clothing before reuse. Avoid wearing contact lenses when working with this material due to the possibility of increased severity of eye damage.

SECTION 9 PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: N/A
MELTING POINT: N/A
VAPOR PRESSURE: N/A
VAPOR DENSITY: N/A
SPECIFIC GRAVITY: N/A
(WATER =1)
EVAPORATION RATE: N/A
(BUTYL ACETATE - 1)

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WATER SOLUBILITY: Soluble.
WATER REACTIVE: No.
APPEARANCE AND ODOR: Clear, colorless, viscous gel with small bubbles throughout. Sweet lemon taste and slight lemon odor.

SECTION 10 STABILITY AND REACTIVITY

STABILITY: Stable (X) Unstable () N/A
INCOMPATIBILITY (MATERIALS TO AVOID): Heat.
HAZARDOUS DECOMPOSITION PRODUCTS: May produce toxic fumes if heated to decomposition.
HAZARDOUS POLYMERIZATION: May Occur () Will Not Occur (X)

SECTION 11 TOXICOLOGICAL INFORMATION

No information available

SECTION 12 ECOLOGICAL INFORMATION

No information available

SECTION 13 DISPOSAL CONSIDERATIONS

STEPS TO BE TAKEN IN CASE OF SPILL OR DISCHARGE: Wear rubber gloves and safety glasses. Wash spill area with soap and water.
WASTE DISPOSAL METHOD: Dispose of in accordance with all applicable local, stat, federal, and environmental regulations.

SECTION 14 TRANSPORT INFORMATION

No information available

SECTION 15 REGULATORY INFORMATION

No information available

SECTION 16 OTHER INFORMATION

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DEFINITIONS OF ABBREVIATIONS USED:

ACGIH: American Conference of Governmental Industrial Hygienists
CAS: Chemical Abstract Service
IARC: Internal Agency for Research on Cancer
IDLH: Immediately Dangerous to Life or Health Level
LC50: Median Lethal Concentration
LD50: Median Lethal Dose
N/A: Not available
NTP: National Toxicology Program
OSHA: Occupational Safety and Health Administration
PEL: Permissible Exposure Limit
STEL: Short Term Exposure Limit
TLV: Threshold Limit Value

END OF SDS

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