



Flinn Scientific Canada Inc.  
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Hamilton, Ontario L8P 0A1 Canada  
1-844-200-1455

PRODUCT: Dextrose

CODE: DJ0002

## Section 01: IDENTIFICATION

MANUFACTURER..... Flinn Scientific Inc.  
PO Box 219  
Batavia, Illinois 60510 USA  
Tel: 1-800-452-1261

PRODUCT NAME..... Dextrose

PRODUCT CODE(S)..... DJ0002

EMERGENCY NUMBER..... CHEMTREC Emergency Phone Number: 703-527-3887 .

PRODUCT USE..... This product is intended for use in a laboratory. The use of this product is restricted for use in a laboratory only.

## Section 02: HAZARD IDENTIFICATION

SIGNAL WORD..... Does not meet any hazards classification.

HAZARD CLASSIFICATION..... Not hazardous.

PRECAUTIONARY STATEMENT(S)..... Although this material is considered to be nonhazardous, unpredictable reactions among chemicals are always possible. Prudent laboratory practices should be observed.

STORAGE..... Flinn Suggested Chemical Storage Pattern: Organic #2.

DISPOSAL..... Dispose of contents/container in accordance with local regulations.

## Section 03: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS #	Wt. %
Dextrose, anhydrous	492-62-6	100

## Section 04: FIRST AID MEASURES

MEDICAL ATTENTION AND SPECIAL TREATMENT ..... Call a POISON CENTER or physician if you feel unwell.

INHALATION..... Remove victim to fresh air and keep at rest in a position comfortable for breathing.

INGESTION..... Rinse mouth. Call a POISON CENTER or physician if you feel unwell.

SKIN CONTACT..... Wash with plenty of water.

EYE CONTACT..... Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing.

## Section 05: FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA..... Use a tri-class dry chemical fire extinguisher .

HAZARDOUS COMBUSTION PRODUCTS..... When heated to decomposition, may emit toxic fumes.

SPECIAL FIRE FIGHTING PROCEDURES..... Nonflammable solid.

NFPA CODE..... None established.

## Section 06: ACCIDENTAL RELEASE MEASURES

PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES ..... Wear protective gloves, protective clothing, and eye protection. Wash hands thoroughly after handling.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP ..... Sweep up the spill, place in a sealed bag or container, and dispose. Ventilate area and wash spill site after material pickup is. See Sections 8 and 13 for further information.

## Section 07: HANDLING AND STORAGE

HANDLING PROCEDURES..... Avoid contact with eyes. Wash thoroughly after handling . Flinn Suggested Chemical Storage Pattern: Organic #2. Store with alcohols, glycols, sugars, amines, amides, imines and imides.

STORAGE NEEDS..... Store in a cool, dry place.

## Section 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredients	ACGIH TLV		OSHA PEL		NIOSH REL
	TWA	STEL	PEL	STEL	
Dextrose, anhydrous	Not established	Not established	Not established	Not established	Not established

ENGINEERING CONTROLS  
PROTECTIVE EQUIPMENT..... Wear protective gloves, protective clothing, and eye protection.  
EYE/TYPE..... Safety goggles.

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## Section 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY/TYPE..... Respiratory device if needed.  
 GLOVES/ TYPE..... Protective gloves.  
 CLOTHING/TYPE..... Protective clothing.  
 FOOTWEAR/TYPE..... Protective footwear.  
 BODY/TYPE..... General personal protective equipment.

## Section 09: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE..... Colorless to white crystals.  
 ODOUR..... Odourless.  
 ODOUR THRESHOLD..... Not applicable.  
 pH..... Not applicable.  
 SPECIFIC GRAVITY..... 1.544.  
 MELTING POINT (°C)..... 153-156°C .  
 BOILING POINT (°C)..... Not available.  
 FLASH POINT (°C), METHOD..... Not applicable .  
 EVAPORATION RATE..... Not applicable.  
 UPPER FLAMMABLE LIMIT (% VOL)..... Not available.  
 LOWER FLAMMABLE LIMIT (% VOL)..... Not available.  
 VAPOUR PRESSURE (mm Hg)..... Not applicable.  
 VAPOUR DENSITY (AIR=1)..... Not applicable.  
 SOLUBILITY..... Water. Slightly in alcohol.  
 COEFFICIENT OF WATER/OIL ..... Not applicable.  
 DISTRIBUTION  
 AUTO IGNITION TEMPERATURE (°C)..... Not available.  
 DECOMPOSITION TEMPERATURE..... Not available.  
 VISCOSITY..... Not applicable.

## Section 10: STABILITY AND REACTIVITY

STABILITY..... Stable under normal conditions. Shelf life: Good, if kept dry.  
 POSSIBILITY OF HAZARDOUS REACTIONS ..... None if stored properly.  
 CONDITIONS TO AVOID..... Moisture.  
 INCOMPATIBLE MATERIALS..... Avoid strong oxidizers.  
 HAZARDOUS DECOMPOSITION PRODUCTS ..... None listed.

## Section 11: TOXICOLOGICAL INFORMATION

Ingredients	LC50	LD50
Dextrose, anhydrous	Not available	Not available
ROUTE OF ENTRY:.....	Skin contact, eye contact, possible inhalation.	
ACUTE EFFECTS.....	Not available, not all health aspects of this substance have been fully investigated.	
CHRONIC EFFECTS .....	Not available, not all health aspects of this substance have been fully investigated.	
TARGET ORGANS.....	Not available, not all health aspects of this substance have been fully investigated.	

## Section 12: ECOLOGICAL INFORMATION

ECOTOXICITY..... Data not yet available.

## Section 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL..... Please review all Federal, Provincial and Local Regulations that may apply before proceeding.

## Section 14: TRANSPORT INFORMATION

SHIPPING NAME..... Not regulated.  
 PROOF OF CLASSIFICATION..... This product has been classified in accordance with Part 2 of the Transportation of Dangerous Goods Regulations.

## Section 15: REGULATORY INFORMATION

CEPA STATUS..... DSL - The substance is specified on the public Portion of the Domestic Substances List.  
 EINECS STATUS..... Listed (207-757-8).

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Section 16: OTHER INFORMATION
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PREPARED BY: .....

Flinn Scientific Inc.

DISCLAIMER:.....

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DATE OF LATEST REVISION.....

Apr25/15