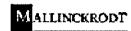
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Material Safety Data Sheet

ronn Mailinokrodt Baker, Inc. 222 Rod School Lane Fh'ilipshurg, NJ 05865





24) bur Emergency Telephonec 500-359-2: \$1

CHENTRES: 1-600-424-9500

Notional Response in Coneda CASUTEC: 615-893-4069

Outside U.S. and Canado Chestroe: 202 498/7619

NOTE: CHEMITEC CANUTEC and reciprolities to contain the project of the containing of

At non-emergency questions should be descrad to Customer Service (1:800-582-2537) for sestimance

ØEXTROSE MONOHYDRATE POWDER USP

SDS Number: D0832 --- Effective Date: 12/08/96

. Product Identification

Synonyms: D-glucose, monohydrate; dextrosol; dextrose, monohydrate, powder

CAS No.: 50-99-7 (Anhydrous) Molecular Weight: 198.17

Shemical Formula: CHO(CHOH)4CH2OH.2H2O

roduct Codes: J.T. Baker: 1910, 1912, 5590 Mallinckrodt: 8834

. Composition/Information on Ingredients

Ingredient	CAS No	Percent	Hazardous
Dextrose Anhydrous	50-99-7	90 - 100%	No

. 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.

T. Baker SAF-T-DATA^(tm) Ratings (Provided here for your convenience)

Health Rating: 0 - None

Flammability Rating: 1 - Slight Seactivity Rating: 1 - Slight Contact Rating: 0 - None

Lab Protective Equip: GOGGLES; LAB COAT Storage Color Code: Orange (General Storage)

Potential Health Effects

Inhalation:

Not expected to be a health hazard.

Ingestion:

Extremely large oral dosages may produce gastrointestinal disturbances.

Skin Contact:

No adverse effects expected.

Eye Contact:

No adverse effects expected but dust may cause mechanical irritation.

Chronic Exposure:

No information found.

Aggravation of Pre-existing Conditions:

No information found.

. First Aid Measures

Inhalation:

Not expected to require first aid measures.

Ingestion:

Not expected to require first aid measures.

Skin Contact:

Not expected to require first aid measures.

Eye Contact:

Wash thoroughly with running water. Get medical advice if irritation develops.

. Fre Fighting Measures

Fire:

ot considered to be a fire hazard.

Explosion:

Not considered to be an explosion hazard.

Fire Extinguishing Media:

Use any means suitable for extinguishing surrounding fire.

Special Information:

Use protective clothing and breathing equipment appropriate for the surrounding fire.

. Accidental Release Measures

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Spills: Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal.

. 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 (dust, solids); observe all warnings and precautions listed for the product.

. Exposure Controls/Personal Protection

Airborne Exposure Limits:

None established.

Ventilation System:

In general, dilution ventilation is a satisfactory health hazard control for this substance. However, if conditions of use create discomfort to the worker, a local exhaust system should be considered.

Personal Respirators (NIOSH Approved):

For conditions of use where exposure to the dust or mist is apparent, a half-face dust/mist respirator may be worn. For emergencies or instances where the exposure levels are not known, use a full-face positive-pressure, air-supplied respirator. WARNING: Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

Skin Protection:

Vear protective gloves and clean body-covering clothing.

Eye Protection:

Use chemical safety goggles. Maintain eye wash fountain and quick-drench facilities in work area.

. Physical and Chemical Properties

Appearance:

Colorless crystals or white crystalline powder.

Odor:

Odorless.

Solubility:

ca. 1 g/1.1 ml water @ 25C (77F).

Specific Gravity:

1.54

pH:

5.9 For 0.5 M aqueous solution

% Volatiles by volume @ 21C (70F):

O

Boiling Point:

No information found.

Melting Point:

83C (181F)

Vapor Density (Air=1):

No information found.

Vapor Pressure (mm Hg):

No information found.

Evaporation Rate (BuAc=1):

No information found.

0. Stability and Reactivity

Stability:

Stable under ordinary conditions of use and storage. <50C the Hydrated crystalline form is stable.

Jazardous Decomposition Products:

Carbon dioxide and carbon monoxide may form when heated to decomposition.

Hazardous	Polym	erization	1:
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Vill not occur.

Incompatibilities:

Reacts with sodium nitrite plus potassium nitrite, sodium peroxide plus potassium nitrate.

Conditions to Avoid:

Heat, incompatibles.

1. Toxicological Information

Investigated as a tumorigen, mutagen, reproductive effector. For Dextrose (anhydrous): Oral rat LD50: 25800 mg/kg.

20 Cological Information

Environmental Fate:

No information found.

Environmental Toxicity:

No information found.

3. 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.

4. Transport Information

Not regulated.

5. Regulatory Information

Chemical Inventory Status - Part Ingredient		TSCA	EC	Japan	Australia
Dextrose Anhydrous (50-99-7)					Yes
\Chemical Inventory Status - Part	2\	-			
Ingredient		Korea	DSL	anada NDSL	Phil.
Dextrose Anhydrous (50-99-7)			Yes	No	Yes
\Federal, State & International Re Ingredient	-SARA RQ	302- TPQ	 Lis	SAR st Che	A 313 mical Catg
Dextrose Anhydrous (50-99-7)					No
\Federal, State & International Re Ingredient	gulati CERCL	A	-RCRA-261.3	Т 3 8	SCA-
Dextrose Anhydrous (50-99-7)	No		No	 N	o
emical Weapons Convention: No TSCA 12 RA 311/312: Acute: No Chronic: No activity: No (Mixture / Solid)					

Australian Hazchem Code: No information found.

Poison Schedule: No information found.

WHMIS:

This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

6. Other Information

NFPA Ratings: Health: 0 Flammability: 0 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: aboratory Reagent.

Revision Information:

Mixture. New 16 section MSDS format, all sections have been revised.

Disclaimer:

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