

CHEMTREC 1-800-424-9300

National Response in Canada
CANUTEC 613-996-6666Outside U.S. and Canada
Chemtrec: 703-527-3887

Mallinckrodt Baker

Mallinckrodt
CHEMICALSNOTE: CHEMTREC, CANUTEC and National
Response Center emergency numbers to beused only in the event of chemical emergencies
involving a spill, leak, fire, exposure or accident
involving chemicals.From: Mallinckrodt Baker, Inc.
222 Red School Lane
Phillipsburg, NJ 08861

For non-emergency questions, contact our Customer Service (1-800-582-2937) for assistance.

D(-) ARABINOSE

MSDS Number: A7285 --- Effective Date: 11/17/99

1. Product Identification

Synonyms: Arabinose; D-Arabinose

CAS No.: 10323-20-3

Molecular Weight: 150.14

Chemical Formula: C₅H₁₀O₅

Product Codes: 0074

2. Composition/Information on Ingredients

Ingredient	CAS No	Percent	Hazardous
d(-)Arabinose	10323-20-3	100%	Yes

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.

Potential Health Effects

Inhalation:

No adverse health effects expected from inhalation.

Ingestion:

Large doses may cause gastro-intestinal upset.

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.

4. First Aid Measures

Inhalation:

Remove to fresh air. Get medical attention for any breathing difficulty.

Ingestion:

If large amounts were swallowed, give water to drink and get medical advice.

Skin Contact:

Wash exposed area with soap and water. Get medical advice if irritation develops.

Eye Contact:

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

5. Fire Fighting Measures

Fire:

As with most organic solids, fire is possible at elevated temperatures or by contact with an ignition source.

Explosion:

Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust379h0 -

8. Exposure Controls/Personal Protection

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.

Skin Protection:

Wear protective gloves and clean body-covering clothing.

Eye Protection:

Safety glasses.

9. Physical and Chemical Properties

Appearance:

White crystals.

Odor:

No information found.

Solubility:

Soluble in water.

Density:

1.58

pH:

No information found.

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

No information found.

Boiling Point:

No information found.

Melt

11. Toxicological Information

No LD50/LC50 information found relating to normal routes of occupational exposure.

-----\Cancer Lists\-----			
Ingredient	---NTP Carcinogen---		IARC Category
	Known	Anticipated	
d(-)Arabinose (10323-20-3)	No	No	None

-----\Federal, State & International Regulations - Part 2\-----			
Ingredient	CERCLA	-RCRA-	-TSCA-
d(-)Arabinose (10323-20-3)	No	261.33	8(d)

Chemical Weapons Convention: No TSCA 12(b): No CDTA: No
SARA 311/312: Acute: No Chronic: No Fire: No Pressure: No
Reactivity: No (Pure / 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.

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:

Laboratory Reagent.

Revision Information:

No changes.

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Prepared by: Strategic Services Division

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