

CHEMTREC 1-800-424-9300

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

A non-emergency questions should be directed to 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: C<sub>5</sub>H<sub>10</sub>O<sub>5</sub>

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.

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## 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.

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## 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.

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## 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

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-----\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.

**Disclaimer:**

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**Prepared by:** Strategic Services Division

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