

Material Safety Data Sheet

D-Fructose Section 1 - Chemical Product and Company Identification
 MSDS# 06105

Catalog Numbers: AC161350010, AC161350025, AC161351000, AC161355000, AC219570000
 AC219570000, AC219570010, AC219572500, S72221C, S76787, S80020, S93276,
 L95-500, L96-100LB, L96-12, L96-212, L96-500

Synonyms: Fruit sugar; D(-)-Fructose; Levulose; Fructose.
 Company Registration:
 Fisher Scientific

One Reagent Lane
 Fair Lawn, NJ 07410

For information in the US, call:

201-796-7100
 Emergency Number US: 201-796-7100
 CHEMTRAC Phone Number, US:
 800-424-9300

Section 2 - Composition, Information on Ingredients

CAS#: 57-48-7

Chemical Name: D-Fructose

#: >98

EINECS#: 200-333-3

Hazard Symbols:

None Phased

None listed

None listed

None listed

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None listed

Section 7 - Handling and Storage

Handling: Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid breathing dust.

Storage: Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

Engineering Controls: Use adequate ventilation to keep airborne concentrations low.

Exposure Limits: none listed

Chemical Name: ACGIH | NIOSH | OSHA - Final PELs
 D-Fructose: none listed | none listed | none listed

OSHA Vacated PELs: none listed

D-Fructose: none listed

Personal Protective Equipment: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA 1910.133 or European Standard EN166.

Respirators: Protective garments not normally required.

Skin: Protective garments not normally required.

Clothing: Protective garments not normally required.

Physical State: White

Color: White

Odor: Not available

pH: Not available

Vapor Pressure: Not available

Evaporation Rate: Not available

Section 13 - Disposal Considerations
Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Disposal determination is listed in US EPA guidelines for the classification determination are listed in 40 CFR 261.11. For more information, please consult the MSDS and the hazardous waste regulations to ensure complete and accurate classification.
RCRA P-Series: None listed.
RCRA U-Series: None listed.

Section 14 - Transport Information
US DOT Shipping Name: Not Regulated
Hazard Class: Not Regulated
Hazard Label: Not Regulated
Packaging Group: Not Regulated
Canada TDG Shipping Name: Not regulated as a hazardous material
Hazard Class: Not Regulated
UN Number: Not Regulated
Packaging Group: Not Regulated

Section 15 - Regulatory Information
US Federal TSCA 15(a)-7 is listed on the TSCA Inventory.
CAS# 57-48-7 Health & Safety Reporting List
None of the chemicals are on the Health & Safety Reporting List.
Chemical Test Rules
None of the chemicals in this product are under a Chemical Test Rule.
Section 12b
None of the chemicals are listed under TSCA Section 12b.
None of the chemicals are listed under TSCA Section 12b.
None of the chemicals are listed under TSCA Section 12b.
None of CERCLA Hazardous Substances and corresponding RQs
None of the chemicals in this material have an RQ.
SARA Section 302 Extremely Hazardous Substances
None of the chemicals in this product have a TPO.
Section 313
No chemicals are reportable under Section 313.

Clean Air Act: contain any hazardous air pollutants.
This material does not contain any Class 1 Ozone depleters.
This material does not contain any Class 2 Ozone depleters.
Clean Water Act:
None of the chemicals in this product are listed as Hazardous Substances under the CWA.
None of the chemicals in this product are listed as Priority Pollutants under the CWA.
None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

STATE: D-Fructose is not present on state lists from CA, PA, MN, MA, FL, or NY.
California Prop 65
California No Significant Risk Level:
None of the chemicals in this product are listed.
European/International Regulations
European Labeling in Accordance with EC Directives
Hazard Phrases: Not available
Risk Phrases: Not available
Safety Phrases: S 24/25 Avoid contact with skin and eyes.
WGK (Water Danger/Protection) CAS# 57-48-7: 0

Canada
CAS# 57-48-7 is listed on Canada's DSL List
Canadian WHMIS Classification: Not controlled.
Tandem WHMIS Classification: Not controlled.
None of the chemicals in this product are listed with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.
CAS# 57-48-7 is not listed on Canada's Ingredient Disclosure List.

MSDS Creation Date: Section 16 - Other Information
12/12/1997
12/12/1997 Date
REV 2/2006
Revisions were made in Sections:
3, 5, 7, 8, 9, 10, 14, 15, 16
The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the product for their intended use. We shall not be liable for any claims, losses or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages, however arising, even if the company has been advised of the

possibility of such damages.

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possibility of such damages.