

MATERIAL SAFETY DATA SHEET

Corn Syrup

Revised: 10/06/09
Replaces: 09/07/07
Printed: 10/08/09

1. PRODUCT DESCRIPTION

Product Name: Corn Syrup
CAS Number: 8029-43-4
Distributor: Carolina Biological Supply Company
2700 York Road
Burlington, NC 27215

Chemical Information: 800-227-1150 (8am-5pm (ET) M-F)
Chemtrec (Transportation Spill Response 24 hours): 800-424-9300

2. COMPOSITION/INFORMATION ON INGREDIENTS

Corn Syrup (CAS Number 8029-43-4) is not a hazardous material as defined by 29 CFR.

3. HAZARD IDENTIFICATION

Emergency Overview: Irritation is not likely.
Potential Health Effects:
Eyes: May cause irritation.
Skin: May cause irritation.
Ingestion: May cause gastrointestinal discomfort.
Inhalation: May cause irritation to respiratory tract.

4. FIRST AID MEASURES

Eyes - Flush thoroughly with water. Seek medical attention if irritation persists.
Skin - Wash exposed area with soap and water. Seek medical attention if irritation persists.
Ingestion - In quantities normally handled, symptoms would not be expected. If swallowed, if conscious, give water. Seek medical attention if gastrointestinal irritation or other unexpected symptoms develop.
Inhalation - Not expected to present a problem. However, if the exposed person is having trouble breathing, remove to fresh air. Give oxygen if breathing is difficult; give artificial respiration if breathing has stopped. Keep person warm and quiet, and get medical attention.

5. FIREFIGHTING PROCEDURES

Flash Point: N/A
Ignition Point: N/A
Extinguishing media: Use media suitable to extinguish surrounding fire.

6. SPILL OR LEAK PROCEDURES

Use pump, scoop, and/or absorbent material to collect spilled corn syrup. Place in container for disposal. Small amounts of material may generally be flushed with water to a sanitary sewer system. Dispose in accordance with federal, state, and local regulations.

7. SPECIAL PRECAUTIONS

Keep away from strong oxidizers.

8. SPECIAL PROTECTION INFORMATION

Ventilation: Not normally required.
Impermeable gloves and splash resistant chemical goggles may be worn to eliminate eye and skin contact. Other protective equipment is typically not required.

9. PHYSICAL DATA

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Molecular Weight: N/A
Melting Point: N/A
Boiling Point: 110 °C (226 °F)
Vapor Pressure: N/A
Vapor Density: N/A
Specific Gravity: N/A
Percent Volatile by Volume: N/A
Evaporation Rate: N/A
Solubility in Water: Fully soluble.
Appearance and Odor: Clear, odorless liquid with sweet taste.

10. REACTIVITY DATA

Stability: Stable.
Incompatibility: Strong oxidizing agents.
Hazardous Decomposition Products: N/A
Hazardous Polymerization: Will not occur.

11. TOXICITY DATA

N/A

12. ECOLOGICAL DATA

N/A

13. DISPOSAL INFORMATION

Corn syrup is biodegradable. Dispose in accordance with Federal, State, and local regulations.

14. TRANSPORT INFORMATION

Not regulated

15. REGULATORY INFORMATION

N/A

16. ADDITIONAL INFORMATION

The information provided in this Material Safety Data Sheet represents a compilation of data drawn directly from various sources available to us. Carolina Biological Supply makes no representation or guarantee as to the suitability of this information to a particular application of the substance covered in the Material Safety Data Sheet. Any employer must carefully assess the applicability of any information contained herein in regards to the particular use to which the employer puts the material.

Glossary

ACGIH.....American Conference of Governmental Industrial Hygienists

CAS Number..Chemical Abstracts Service Number

CERCLA.....Comprehensive Environmental Response, Compensation, and Liability Act

DOT.....U.S. Department of Transportation

IARC.....International Agency of Research on Cancer

mppcf.....million particles per cubic foot

N/A.....Not Available

NTP.....National Toxicology Program

OSHA.....Occupational Safety and Health Administration

PEL.....Permissible Exposure Limit

ppm.....parts per million

RCRA.....Resource Conservation and Recovery Act

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SARA.....Superfund Amendments and Reauthorization Act
TLV.....Threshold Limit Value
TSCA.....Toxic Substances Control Act