



## MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION	
Contact:	ACH Food Companies, Inc., 7171 Goodlett Farms Parkway, Memphis, TN 38016
Telephone Number:	1-800-691-1106
Identity:	Corn Syrup
Trade Names:	Karo (Light Corn Syrup, Dark Corn Syrup and Pancake Syrup)
Ingredients/Chemical Name:	Solutions of carbohydrates
Date Prepared:	February 3, 2010
Other:	N.A.

SECTION 2 - HAZARDOUS CHEMICAL COMPONENTS	
Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200.	
NOTE: This product is a food grade product and not "hazardous" within the meaning of the OSHA Hazard Communication Standard.	

SECTION 3 - PHYSICAL DATA	
Solubility (H2O): Complete	Percent Volatiles: Not Applicable (N/A)
Vapor pressure: N/A	Evaporation Rate: N/A
Vapor density: N/A	Specific gravity: ca. 1.4
Appearance and odor: Viscous liquids, clear to reddish-brown in color, faint odor.	

SECTION 4 - FIRE FIGHTING AND EXPLOSION DATA	
Flash Point: N/A	Autoignition Temperature: N/A
Lower Explosive Limit: N/A	Upper Explosive Limit: N/A
Flammability Class per 29CFR 1910.106: N/A	
<b>Fire and Explosion Hazards</b>	
If the water content of a product is removed by fire or extreme heat, the solid components may char or burn. Potential combustion byproducts include carbon monoxide, carbon dioxide, and smoke.	
<b>Extinguishing Media</b>	
Water, carbon dioxide, or dry chemical.	
<b>Special Fire Fighting Instructions</b>	
None applicable.	



## SECTION 5 – EXPOSURE EFFECTS AND FIRST AID

### **Route of Exposure -Inhalation**

At room temperature, there are no known inhalation hazards. If a product is used in a way that generates a mist, inhalation may irritate the nose, throat, and upper respiratory tract.

### **First Aid -Inhalation**

Give the subject access to fresh air. If symptoms do not resolve quickly, seek medical assistance.

### **Route of Exposure - Skin**

The product is not a skin irritant nor is it known to be allergenic.

### **First Aid -Skin**

If skin irritation occurs, wash affected areas with soap and water for at least five minutes. Seek medical assistance if necessary.

### **Route of Exposure -Eyes**

The product is non-irritating. Contact with the eyes may produce temporary discomfort due to the presence of foreign objects.

### **First Aid -Eyes**

Flush with water for at least 15 minutes. Seek medical assistance if required.

### **Route of Exposure -Ingestion**

Unintentional ingestion of large quantities of product is not a plausible mode of exposure in industrial applications.

### **First Aid -Ingestion**

If an individual consumes large quantities of product, seek medical assistance.

### **Miscellaneous Toxicological Information**

Carcinogenicity: None of the components of this product are classified as potential or demonstrated human carcinogens by IARC, NTP, or OSHA.

## SECTION 6 – REACTIVITY AND POLYMERIZATION

### **Stability**

Stable.

### **Conditions to Avoid**

None

### **Incompatible Materials**

Oxidizing agents.

### **Hazardous Decomposition Products**

If the water component of a product is evaporated by flame or extreme temperatures, thermal decomposition of the solid components may occur, producing carbon monoxide, carbon dioxide, and smoke. Hazardous polymerization will not occur.

## SECTION 7 – SPILL, LEAK AND DISPOSAL PROCEDURES

### **Waste Disposal Methods**

Dispose of product in accordance with applicable Federal, State/Provincial, and local regulations, as applicable. Do not flush large quantities of product into wastewater treatment facilities without the approval of the appropriate authority.



<b>SECTION 8 – SPECIAL PROTECTIVE MEASURES</b>
<p><b>Ventilation</b> Mechanical ventilation is not required under normal conditions of use.</p> <p><b>Eye Protection</b> Eye protection is not required under normal conditions of use. If eye contact is likely, wear eye protection.</p> <p><b>Skin Protection</b> Skin protection is not normally required if product is used at room temperature. If used at elevated temperatures, wear skin protection suitable for prevention of skin burns from direct contact or spattering.</p> <p><b>Respiratory Protection</b> Respiratory protection is not normally required. If product is used in a manner that generates airborne mist not controlled by ventilation, wear a NIOSH-approved respirator with filters for protection against dusts and mists (type N95 minimum). For guidance on the selection and use of respiratory protection, consult American National Standard Z88.2-1992 (ANSI, New York, NY 10036 USA).</p>

<b>SECTION 9 – SPECIAL PRECAUTIONS – STORAGE AND HANDLING</b>
<p><b>Storage &amp; Handling Conditions</b> Store away from incompatible materials (see Section 6).</p>

<b>SECTION 10 – OTHER REGULATORY INFORMATION</b>
<p><b>SARA Title III Notifications and Information</b> SARA Title III -Hazard Class(es): None SARA Title III -Section 313 Supplier Notification: This product contains no chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and of 40 CFR 372.</p> <p><b>U.S. Food and Drug Administration (FDA)</b> All ingredients in these products are approved as safe for their intended uses by the FDA in the applicable sections of 21 CFR.</p> <p><b>Controlled Products Regulations (Canada) Information</b> Hazardous Components Toxicology Data: None applicable WHMIS Hazard Classification(s): None applicable Components on <i>Ingredients Disclosure List</i>: None</p>

<b>SECTION 11 – OTHER INFORMATION</b>
<p><b>Disclaimer:</b> ***** ACH Food Companies, Inc. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. ACH FOOD COMPANIES, INC. MAKES NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE INFORMATION SET FORTH HEREIN OR THE PRODUCT TO WHICH THE INFORMATION REFERS. ACCORDINGLY, ACH FOOD COMPANIES, INC. WILL NOT BE RESPONSIBLE FOR DAMAGES RESULTING FROM USE OF OR RELIANCE UPON THIS INFORMATION.</p>