



July 2014
BANANA

PO BOX 2624, Woodinville WA 98072

Manufactured by: Mother Murphy's Laboratories, Inc

Health: 0

Flammability: 2

Reactive: 0

MATERIAL SAFETY DATA SHEET

Mother Murphy's Laboratories, Inc. 2826 S Elm Street PO Box 16846 Greensboro, NC 27416-0846	Information Phone: (336) 273-1737 Emergency Phone: (800) 424-9300 International Phone: (703) 257-3887 Fax: (336) 273-2615
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SECTION 1: IDENTIFICATION

Product ID: 2418424	Product Name: ART. BANANA FLAVOR (C)
Trade Name: Same as above	

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

A Flavoring Compound: A multi component mixture of flavoring ingredients. The specific chemical identities of the ingredients not listed herein are considered by MML to be Trade Secrets and are withheld in accordance with the provisions of 1910.1200 of Title 29 of the US Code of Federal Regulations.

SECTION 3: HAZARD IDENTIFICATION / EMERGENCY OVERVIEW

Overview: When vaporized poses irritation to the eyes, nose, and respiratory tract. Excessive inhalation may cause lung damage.

Combustible: Avoid open flames, excessive heat, or other sources of ignition.

Eye: May cause eye irritation. May cause redness and pain.

Skin: May cause moderate skin irritation, irritation, or pain. May be harmful if absorbed through skin.

Ingestion: Harmful if swallowed; nausea, vomiting and diarrhea may occur.

Inhalation: Causes respiratory tract irritation.

SECTION 4: FIRST AID MEASURES

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention.

Skin: Immediately flush skin with plenty of water for at least 15 minutes, remove any contaminated clothing and shoes. Get medical attention.

Ingestion: If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Seek medical attention.

Inhalation: Remove from exposure and move to fresh air immediately. Get medical attention.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point (close cup): 108°F

Extinguishing Media: Carbon Dioxide; Foam

Special Firefighting Procedure: Wear approved NIOSH self-contained breathing apparatus and full protective clothing when fighting fires involving chemicals.

Unusual Fire & Explosion Hazard: Closed containers may build up pressure at elevated temperatures. If possible containers should be cooled with a water spray.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Accidental Release: Use absorbed material to pick up spills, place in an approved container. Consult section 8 of this MSDS for PPE requirements.

Waste Disposal: Observe Federal, State, and Local laws concerning health and pollution.

SECTION 7: HANDLING AND STORAGE

Handling: Wash thoroughly after handling. Wash hands before eating. Use only in a well ventilated area. Avoid breathing dust, vapor, mist, or gas. Do not get on skin or in eyes. Avoid ingestion and inhalation.

Storage: Keep away from sources of ignition. Store in a cool, dry place. Store in a tightly closed container.



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SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory:	Use an NIOSH approved respirator with organic vapor cartridges.
Eye:	Wear appropriate chemical splash goggles.
Skin:	Wear appropriate chemical resistant protective gloves to prevent skin exposure . Wear aprons to reduce skin exposure , change clothing should it become saturated.
Engineering Controls:	Facilities should be equipped with eye wash stations and safety shower. Use process enclosure or local exhaust ventilation, or other engineering controls to help control airborne levels. Use closed systems to transfer flavorings whenever possible.
Worker Health:	N/A
NIOSH Alert:	NIOSH has published an Alert on preventing lung disease in workers who use or make flavorings . We recommend that you review this publication to obtain a thorough understanding of the methods recommended by NIOSH to reduce the risks of worker exposure to flavoring. (NIOSH Publication Number 2004-110)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance & Physical State:	CLEAR, YELLOW TINT, MOBILE
Boiling Point:	N/A
Melting Point:	N/A
Specific Gravity (H ₂ O = 1.0):	0.958 ± .01
Vapor Pressure:	N/A
Vapor Density:	N/A
Solubility in H ₂ O:	WATER SOLUBLE

SECTION 10: STABILITY AND REACTIVITY

Stability:	Stable
Conditions to Avoid:	Excessive heat, Open flames, or other sources of ignition
Materials to Avoid:	None Known
Hazardous Polymerization Products:	None Known
Hazardous Combustible or Decomposition Products:	None Known

SECTION 11: TOXICOLOGICAL INFORMATION

TLV:	Not Established
PEL:	Not Established
CARCINOGENICITY:	NTP: NO IARC: NO OSHA: NO

SECTION 12: ECOLOGICAL INFORMATION

Flavor is expected to biodegrade to a moderate extent in the environment. It is not expected to significantly bio-accumulate.

SECTION 13: DISPOSAL CONSIDERATION

Dispose of in accordance with Federal, State or Local regulations.

SECTION 14: TRANSPORT INFORMATION

IATA: Hazard Class: 3
UN Number: 1197 Extracts, Flavouring, Liquid
Packing Group III
DOT: Not Regulated

SECTION 15: REGULATORY INFORMATION

SARA Title III: To the best of our knowledge this product contains no toxic chemicals subject to the supplier notification requirements of section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 372.

SECTION 16: OTHER INFORMATION

N/A



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Material Safety Data Sheet prepared by Mother Murphy's Laboratories, Inc.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty, expressed or implied, regarding its correctness or accuracy. It is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, damage or expense resulting from improper use of this product.