

SAFETY DATA SHEETS

This SDS packet was issued with item:

078906663

N/A

MSDS Requested By:

Date Issued: July 2003

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MATERIAL SAFETY DATA SHEET**FLAVORMATIC INDUSTRIES, INC.**

230 All Angels Hill Road < Wappingers Falls, New York 12590-3329 U.S.A.

Tel #: (845) 297-9100 Fax #: (845) 297-2881

24-HR. EMERGENCY (CHEMTREC) TEL #: (800) 424-9300

Outside Continental U.S.A. Call (703) 527-3887 Collect

N&A CHERRY TYPE FLAVOR #909-504*(This product also contains: Propylene Glycol, Ethyl Alcohol, Water)***HMIS LABELING - DOMESTIC SHIPMENTS****HMIS LABELING - INTERNATIONAL SHIPMENTS**

HEALTH : 1
 FLAMMABILITY : 2
 REACTIVITY : 0
 PROTECTIVE EQUIPMENT : C

HEALTH : 1
 FLAMMABILITY : 2
 REACTIVITY : 0
 PROTECTIVE EQUIPMENT : C

0-MINIMAL

1-SLIGHT

2-MODERATE

3-SERIOUS

4-SEVERE

C-SEE SECTION 8

SECTION I - PRODUCT IDENTIFICATION

Product/Label Name : N&A Cherry Type Flavor #909-504
 Flavormatic Code Number : 909-504
 Chemical Name/Type : Compounded Mix
 Synonyms : N/A
 Molecular Formula : N/A Molecular Weight : N/A
 CAS Number : N/A FEMA Number : N/A

SECTIONS II - HEALTH HAZARD INFORMATION

All Flavor Ingredients in this product are approved for use in a regulation of the Food and Drug Administration, or are listed as being Generally Recognized as Safe on a reliable published industry association list

This Material is a Compounded Mixture. The specific chemical identities of the Ingredients are considered by Flavormatic Industries, Inc. to be Trade Secrets, and are withheld in accordance with the provisions of 1910.1200 of Title 29 of the Code of Federal Regulations. In the event of a genuine medical emergency, they will be revealed to a qualified health professional.

This mixture does not contain Ingredients determined to be carcinogens by OSHA/NTP/IARC at levels greater than 0.1%.

The Hazard Communication Standard requires that such mixtures be assumed to present the same health hazards as do components that constitute at least 1% of the Mixture (0.1% for carcinogens) although OSHA has noted that the hazards of individual components may be altered by including them in a mixture. Based upon this mixture, the following health hazards may exist but are considered unlikely if adequate precautions are taken. This MSDS does not reflect safety in the final product.

May cause Irritation/Damage to skin & eyes
 Ingestion in concentrated form may cause adverse health effects
 No chronic health effects are expected from normal use.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Specific Gravity (25°/25°C) : 1.0306 +/- 2%
 Refractive Index (25°C) : 1.4308 +/- 2%
 Appearance & Odor (Description) : Pale Yellow liquid with characteristic taste/aroma. Material will darken with age
 Water Solubility : Soluble
 Vapor Pressure (mm/Hg) : N/A
 Boiling Points (°C) : N/A
 Vapor Density (Air=1) : N/A
 Melting Point (°C) : N/A
 Evaporation Rate (Ether=1) : N/A

SECTION IV - FIRE/EXPLOSION/REACTIVITY DATA

Flash Point (TCC) : 141.0 - 160.0 ° Fahrenheit (80.55 - 85.55 °C)
 Flammable Limits : (LEL % = N/A) (UEL % = N/A)
 Extinguishing Median : CO₂, Foam, Dry Chemical
 Special Fire Fighting Procedures : Do not enter area without proper safety equipment. Use water to cool containers. Although soluble, water may not be practical in fighting fire. observe standard safety regulations.
 Unusual Fire/Explosion Hazards : None known to Flavormatic.
 Stability : Stable
 Hazardous Polymerization : Will Not Occur
 Materials to Avoid : Strong acids, alkalis and oxidizers
 Conditions to Avoid : Sources of ignition and/or excessive heat.
 Decomposition Products : May form Carbon Dioxide and/or Carbon Monoxide upon burning as well as unidentified organic compounds (during combustion)
 Stability : Presents no significant hazard; not pyrophoric nor reactive with water; does not undergo explosive decomposition; is stable to shock and is not an oxidizing agent.

SECTION V - HEALTH HAZARD DATA

Carcinogenicity	: (NTP = N/A)	(OSHA = N/A)	(IARC = N/A)
OSHA PEL	: N/A	ACGIH TLV	: N/A
Oral (LD ₅₀)	: N/A	Dermal (LD ₅₀)	: N/A
Inhalation (LD ₅₀)	: N/A		

Risk Summary : Avoid contact with skin and eyes. Wear protective equipment when handling material and use common sense safety applications when using this product.

The health hazard information is based on laboratory animal test data for the individual components of this product in their pure form (100%) as provided under 29 CFR 1910.1200 (d)(5)(ii). The user should consider the relevancy of this information in a manner consistent with its particular purpose/use.

SECTION VI - EMERGENCY FIRST AID PROCEDURES

Eye Contact : Rinse eyes for 15-20 minutes with copious amounts of water. Obtain medical advice if pain, redness or tearing persists. Remove contact lenses immediately. Schedule to see an eye doctor immediately.

Skin Contact : Remove soiled clothing and wash affected area with soap & water for 15 minutes. Obtain medical advice if irritation persists.

Inhalation : Remove individual to fresh air and administer oxygen if breathing is difficult. Consult a physician if breathing becomes difficult. Material is concentrated - use common sense - work with material in a well ventilated area.

Ingestion : Contact the Local Poison Control Board and obtain medical advice immediately.

SECTION VII - SPILL/LEAK/DISPOSAL PROCEDURES

Spill/Leak Procedures : Eliminate all sources of ignition. Ventilate area. Prevent liquid from entering sewers. Recover spilled liquid with pump or absorbent material and place in a closed metal waste container.

Waste Disposal Procedure : Incinerate or dispose of in an approved landfill. Observe all Federal, State and Local Regulations when disposing of this product.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection : Not normally required, but if vapor concentration is high due to heat, use a NIOSH approved organic vapor respirator.

Ventilation : Explosion proof motors recommended.

Protective Gloves : Use oil/chemical resistant gloves.

Eye Protection : Use OSHA approved chemical splash goggles and/or face shield when working with material.

Follow good industrial practice as to housekeeping, personal hygiene and avoidance of prolonged or repeated contact with skin or eyes. This material is intended for manufacturing use only.

SECTION IX - SPECIAL PRECAUTIONS

Handling : Observe safe handling procedures. When using material, make sure that the drum is grounded and kept away from sources of heat.

Storage : Store in tightly sealed containers and keep under dry, cool conditions. Store material away from light and any sources of heat. Please note that the material is Combustible/Fammable - check with local fire officials to see what storage conditions are required as per local regulations.

DOT Labeling (Domestic) : COMBUSTIBLE LIQUID N.O.S. UN ID Number : NA1903,III

DOT Labeling (International) : Not regulated UN ID Number : N/A

SECTION X - CONCLUSION

The information contained herein is based on data considered to be accurate and reliable. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. It is the users responsibility both to determine safe conditions for use of this product, and to assume liability for loss, injury, damage or expense resulting from the improper use of this product. All recommendations pertaining to product labeling, product use or production procedures are made without warranty or guarantee and users should make their own tests to determine the stability and safety for their own particular purpose. Other states, provinces and municipalities may have specific regulations concerning this product which are not reflected in this document. The user should review these regulations to ensure full compliance.

FLAVORMATIC INDUSTRIES, INC.
NEW YORK : PUERTO RICO : UNITED KINGDOM

SAFETY DATA SHEET

(According to EC Directive 1272/2008)

FLAVORMATIC INDUSTRIES, INC.

90 Brentwood Drive <> Wappingers Falls, New York 12590-3329 U.S.A.

Tel #: (845) 297-9100 Fax #: (845) 297-2881

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SECTION I – PRODUCT IDENTIFICATION**N&A CHERRY TYPE FLAVOR #909-504****SECTION II - HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture: Mixture2.1.1 Classification according to Regulation (EC) No. 67/548/EEC and 1999/45/EC**SYMBOLS:** None**Risks Phrases:** None2.1.3 Additional information

Full text of R- and S-phrases: see section XVI

2.2 Label elements**Hazard Pictograms:** None**Signal Word:**

Warning

Hazard Statements:

H227 Combustible liquid.

Precautionary Statements:

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking

P280 Wear protective gloves/clothing/eye protection/ face protection.

P370 In case of fire: Use dry sand, dry chemical or alcohol resistant foam for extinction.

P403 + P235 Store in well ventilated space. Keep cool.

P501 Dispose of contents/container to an approved waste disposal plant.

SECTIONS III – COMPOSITION OR INFORMATION ON INGREDIENTS

This Material is a Compounded Mixture. The specific chemical identities of the ingredients are considered by Flavomatic Industries, Inc. to be Trade Secrets, and are withheld in accordance with the provisions of 1910.1200 of Title 29 of the Code of Federal Regulations. In the event of a genuine medical emergency, they will be revealed to a qualified health professional.

Contains:

Propylene Glycol	CAS #: 57-55-6	EINECS #: 200-338-0
Ethyl Alcohol	CAS #: 64-17-5	EINECS #: 603-002-5
Water	CAS #: N/A	EINECS #: N/A

SECTION IV - EMERGENCY FIRST AID PROCEDURES

Eye Contact : Rinse eyes for 15-20 minutes with copious amounts of water. Obtain medical advice if pain, redness or tearing persists. Remove contact lenses immediately. Schedule to see an eye doctor immediately.

Skin Contact : Remove soiled clothing and wash affected area with soap & water for 15 minutes. Obtain medical advice if irritation persists.

Inhalation : Remove individual to fresh air and administer oxygen if breathing is difficult. Consult a physician if breathing becomes difficult.
: Material is concentrated - use common sense - work with material in a well ventilated area.

Ingestion : Contact the Local Poison Control Board and obtain medical advice immediately.

N&A CHERRY TYPE FLAVOR #909-504

SECTION V - FIRE/EXPLOSION/REACTIVITY DATA

Flammable Limits	: {LEL % = N/A}	{UEL % = N/A}
Extinguishing Median	: CO ₂ , Foam, Dry Chemical	
Special Fire Fighting Procedures	: Do not enter area without proper safety equipment. Use water to cool containers. Although soluble, water may not be practical in fighting fire. observe standard safety regulations.	
Unusual Fire/Explosion Hazards	: None know to Flavormatic.	
Stability	: Stable	Hazardous Polymerization : Will Not Occur
Materials to Avoid	: Strong acids, alkalis and oxidizers	
Conditions to Avoid	: Sources of ignition and/or excessive heat.	
Decomposition Products	: May form Carbon Dioxide and/or Carbon Monoxide upon burning as well as unidentified organic compounds (during combustion)	
Stability	: Presents no significant hazard; not pyrophoric nor reactive with water; does not undergo explosive decomposition; is stable to shock and is not an oxidizing agent.	

SECTION VI - SPILL/LEAK PROCEDURES

Spill/Leak Procedures	: Eliminate all sources of ignition. Ventilate area. Prevent liquid from entering sewers. Recover spilled liquid with pump or absorbent material and place in a closed metal waste container.
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SECTION VII - HANDLING AND STORAGE

Handling	: Observe safe handling procedures. When using material, make sure to keep away from any source of flame, spark or static.
Storage	: Store in tightly sealed containers and keep under dry, cool conditions. Store material away from light and any sources of heat. : Please note that the material is Combustible/Flammable - check with local fire officials to see what storage conditions are required as per local regulations.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection	: In case of insufficient ventilation, wear suitable respiratory equipment. Use a NIOSH approved organic vapor respirator.
Ventilation	: Explosion proof motors recommended, however a local exhaust meeting ACGIH criteria as needed.
Protective Gloves	: Use oil/chemical resistant gloves.
Eye Protection	: Use OSHA approved chemical splash goggles and/or face shield when working with material.

Follow good industrial practice as to housekeeping, personal hygiene and avoidance of prolonged or repeated contact with skin or eyes. This material is intended for manufacturing use only.

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

Flash Point (TCC)	: 142 °F (61 °C)		
Specific Gravity (25 °C)	: 1.0142 – 1.0450		
Refractive Index (25 °C)	: 1.4156 – 1.4588		
Appearance & Odor (Description)	: Colorless to Pale Yellow color liquid with characteristic aroma.		
Water Solubility	: Soluble	Vapor Density (Air=1)	: N/A
Vapor Pressure (@20°C mm/Hg)	: N/A	Melting Point (°C)	: N/A
Boiling Points (°C)	: N/A	Evaporation Rate (Ether=1)	: N/A

SECTION X - STABILITY AND REACTIVITY INFORMATION

Stability	: Stable. Presents no significant hazard; not pyrophoric nor reactive with water; does not undergo explosive decomposition; is stable to shock and is not an oxidizing agent.
Hazardous Polymerization	: Will not occur.
Materials to Avoid	: Strong acids, alkalis and oxidizers.
Conditions to Avoid	: Sources of ignition (flames, sparks, static).
Decomposition Products	: May form Carbon Dioxide and/or Carbon Monoxide upon burning as well as unidentified organic compounds (during combustion).

SECTION XI – TOXICOLOGICAL INFORMATION

This preparation has not been subjected to toxicological testing as an entity, but has been blended from materials with established toxicological bibliographies. In view of the difficulty of using current standard toxicological techniques to predict potential hazards to susceptible individuals or arising from unforeseeable potentiation, this preparation should be handled as if it displayed potential hazards, and treated in consequence with all possible precaution.

N&A CHERRY TYPE FLAVOR #909-504

SECTION XII - ECOLOGICAL INFORMATION

This preparation has not been subjected to ecotoxicological testing as an entity. In view of the difficulty of using current ecotoxicological techniques to predict the impact of particular modes of release on vulnerable or localized parts of the ecosystem, this preparation should be handled as if it displayed potential hazards, and treated in consequence with all possible precaution.

SECTION XIII – DISPOSAL PROCEDURES

Waste Disposal Procedure: Incinerate or dispose of in an approved landfill. Observe all Federal, State and Local Regulations when disposing of this product.

SECTION XIV – TRANSPORTATION INFORMATION

14.1 UNO

UN ID Number: Not Regulated
 Proper Shipping Name: N/A
 Class: –
 Packing group: –

14.2 Land transport (ADR/RD)

UN ID Number: Not Regulated
 Proper Shipping Name: N/A
 Class: –
 Packing group: –

14.3 Sea transport (IMDG-Code)

UN ID Number: Not Regulated
 Proper Shipping Name: N/A
 Class: –
 Packing group: –

14.4 Air transport (ICAO-IATA)

UN ID Number: Not Regulated
 Proper Shipping Name: N/A
 Class: –
 Packing group: –

SECTION XV – REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

NFPA Hazard Classification

Health: 0
 Flammability: 2
 Reactivity: 0

HIMIS Classification

Health: 0
 Flammability: 2
 Reactivity: 0

SECTION XVI – OTHER INFORMATION

Labeling according to EC Directives: 67/548/EEC and 1999/45/EC

Safety Advice(S-phrases):	7	Keep container tightly closed.
	16	Keep away from source of ignition - No smoking.
	26	In case of contact with eyes, rinse immediately with plenty of water and seek medical attention.

The information contained herein is based on data considered to be accurate and reliable. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. It is the users responsibility both to determine safe conditions for use of this product, and to assume liability for loss, injury, damage or expense resulting from the improper use of this product. All recommendations pertaining to product labeling, product use or production procedures are made without warranty or guarantee and users should make their own tests to determine the stability and safety for their own particular purpose. Other states, provinces and municipalities may have specific regulations concerning this product which are not reflected in this document. The user should review these regulations to ensure full compliance.

FLAVORMATIC INDUSTRIES, INC.
NEW YORK : PUERTO RICO : UNITED KINGDOM