



Bush Boake Allen
FLAVORS
MATERIAL SAFETY DATA
 (CONFORMS TO OSHA
 HAZARDOUS COMMUNICATIONS STANDARDS)

DATE CREATED: 04/13/93 DATE REVISED: 04/13/93 CHEMTREC EMERGENCY NUMBER 800/424/9300

SECTION 1 **IDENTIFICATION**

LABEL NAME: Nat. and Art. Butter Flavor 85032

HAZARD RATINGS

HEALTH: 1 (slight)
FLAMMABILITY: 2 (moderate)
REACTIVITY: 0 (minimal)

SYNONYMS: None **CHEMICAL TYPE:** Compounded Mix
CAS NUMBER: All components of this mixture are in the TSCA inventory
MOLECULAR FORMULA: Not Applicable **MOLECULAR WEIGHT:** Not Applicable

SECTION 2 **PHYSICAL / CHEMICAL CHARACTERISTICS**

DESCRIPTION: A bright yellow paste with characteristic taste and odor.

SPECIFIC GRAVITY: Not Found 25/25 °C (typical value)

REFRACTIVE INDEX: Not Found 20 °C (typical value)

SOLUBILITY IN WATER: Negligible **VAPOR DENSITY:** Not Found (air = 1)

VAPOR PRESSURE: Not Found mm Hg @ 20°C/68°F **EVAPORATION RATE:** Less than 1 (Ether = 1)

MELTING POINT: Not Applicable °C **BOILING POINT:** Not Applicable °C

SECTION 3 **EMERGENCY AND FIRST AID PROCEDURES**

INGESTION: Obtain medical advice immediately.

SKIN CONTACT: Remove contaminated clothing. Wash affected areas with mild soap and water. If irritation occurs, consult physician.

EYE CONTACT: Flush immediately with copious amounts of water. Contact physician.

INHALATION: Avoid gross inhalation of fumes. Remove person to fresh air. Contact physician as necessary.

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SECTION 4

SPILL AND LEAK PROCEDURE

IN CASE OF LEAK OR SPILL: Eliminate all sources of ignition. Ventilate area. Prevent liquid from entering sewers. Recover spilled liquid with pump or absorb with sand, filter aid or other suitable absorbent material.

TO DISPOSE: Incinerate or dispose of as specified by local, state, or federal regulations.

SECTION 5

FIRE / EXPLOSION / REACTIVITY DATA

FLASH POINT: 88°F Closed Cup

EXTINGUISHING MEDIA: CO₂, Dry chemical, Foam

FIRE OR EXPLOSION HAZARDS: No unusual hazards known.

FIRE FIGHTING PROCEDURES: Spray extinguishing media directly into base of flames. Water is unsuitable for use on burning material, but may be used to cool containers exposed to heat.

DECOMPOSITION PRODUCTS: CO₂, CO, smoke and unidentified organic compounds may be formed 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.

CONDITIONS TO AVOID: Sources of ignition and/or excessive heat.

MATERIALS TO AVOID: Strong acids, alkalis, and oxidizer.

HAZARDOUS POLYMERIZATION: Will not occur.

FLAMMABLE LIMITS: Not known

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SECTION 6

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: Local exhaust meeting ACGIH criteria as needed.

PROTECTIVE GLOVES: Oil/Chemical resistant.

EYE PROTECTION: Use goggles or face shield when eye contact might occur.

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.

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**SECTION 7 HAZARDOUS INGREDIENTS / HEALTH HAZARD DATA
(INCLUDING SYMPTOMS OF OVEREXPOSURE)**

This product is a Compounded Mix

TLV: Not established

The specific chemical identities of the ingredients are considered by Bush Boake Allen 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 contents of this mixture has not been tested whole for safety on animals or humans. Individual materials present at >0.99 % pose the following health hazards when tested individually at 100 %. Liquid may be irritating to skin and eyes. Liquid and vapor severely irritating to skin, eyes, throat, and lungs. Repeated contact may cause allergic dermatitis. This product contains material(s) which are listed in 29 CFR 1910 subpart Z and/or have a TLV established by ACGIH. Dust may be irritating to throat, lungs and pulmonary tract, may irritate eyes and may cause sneezing. No known health hazards.

This product contains no materials reportable under SARA TITLE III SECTION 313.

The information contained herein is based on data believed to be reliable, but is furnished without warranty or guarantee of any kind, and Bush Boake Allen disclaims any liability incurred from the use or reliance upon the same.

Person responsible for preparation: *[Signature]*

Date of this issue: 08/11/94

END OF MSDS

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