

Bulk

APOTHECARY

Safety Data Sheet Brown Sugar Flavor

SECTION 1: Identification

1.1 Product identifier

Product name	Brown Sugar Flavor
Product number	fragflav-509
Brand	Bulk Apothecary

1.4 Supplier's details

Name	Bulk Apothecary
Address	115 Lena Dr Aurora OH 44202 United States
Telephone	1-888-728-7612
email	sales@bulkapothecary.com

1.5 Emergency phone number(s)

Domestic: 1-800-633-8253 International: 801-629-0667

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200)

- Flammable liquids, Cat. 3
- Eye damage/irritation, Cat. 2A
- Sensitization, skin, Cat. 1
- Carcinogenicity, Cat. 1A

2.2 GHS label elements, including precautionary statements

Pictogram



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Signal word

Danger

Hazard statement(s)

H226
H317
H319
H350

Flammable liquid and vapor
May cause an allergic skin reaction
Causes serious eye irritation
May cause cancer [route]

Precautionary statement(s)

P201
P202
P210
P233
P240
P241
P242
P243
P261
P264
P272
P280
P302+P352
P303+P361+P353

P305+P351+P338

P308+P313
P321
P333+P313
P337+P313
P363
P370+P378
P403+P235
P405
P501

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Keep container tightly closed.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting/.../ equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Avoid breathing dust/fume/gas/mist/vapors/spray.
Wash ... thoroughly after handling.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.
IF ON SKIN: Wash with plenty of water/...
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
IF exposed or concerned: Get medical advice/attention.
Specific treatment (see ... on this label).
If skin irritation or rash occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
Wash contaminated clothing before reuse.
In case of fire: Use ... to extinguish.
Store in a well-ventilated place. Keep cool.
Store locked up.
Dispose of contents/container to ...

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. Ethanol

Concentration 10 - 25 % (weight)
EC no. 200-578-6
CAS no. 64-17-5
Index no. 603-002-00-5

- Flammable liquids, Cat. 2

H225 Highly flammable liquid and vapor

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2. FURFURAL

Concentration 1 - 5 % (weight)
EC no. 202-627-7
CAS no. 98-01-1
Index no. 605-010-00-4

- Carcinogenicity, Cat. 2
- Acute toxicity, inhalation, Cat. 3
- Acute toxicity, oral, Cat. 3
- Acute toxicity, dermal, Cat. 4
- Specific target organ toxicity (single exposure), Cat. 3
- Skin corrosion/irritation, Cat. 2
- Serious eye damage/eye irritation, Cat. 2

H301 Toxic if swallowed
H312 Harmful in contact with skin
H315 Causes skin irritation
H319 Causes serious eye irritation
H331 Toxic if inhaled
H335 May cause respiratory irritation
H351 Suspected of causing cancer [route]

3. 3(2H)-Furanone, 4-hydroxy-2,5-dimethyl-

Concentration 1 - 5 % (weight)
CAS no. 3658-77-3

4. VANILLIN

Concentration 1 - 5 % (weight)
CAS no. 121-33-5

5. 2,3-BUTANEDIONE

Concentration 0.1 - 1 % (weight)
CAS no. 431-03-8

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice IF exposed or concerned: Get medical advice/attention.

If inhaled Remove person to fresh air and keep comfortable for breathing.

In case of skin contact Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

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In case of eye contact Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

If swallowed Call a poison center/doctor/physician if you feel unwell.

Personal protective equipment for first-aid responders
May cause an allergic skin reaction.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Water spray. Dry powder. Foam. Carbon dioxide.

5.2 Specific hazards arising from the chemical

Highly flammable liquid and vapour.

5.3 Special protective actions for fire-fighters

Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

No open flames, no sparks, and no smoking. Only qualified personnel equipped with suitable protective equipment may intervene. Avoid breathing dust/fume/gas/mist/vapors/spray.

6.2 Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

6.3 Methods and materials for containment and cleaning up

Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Floors, walls and other surfaces in the hazard area must be cleaned regularly. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.

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7.2 Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Ethyl alcohol (Ethanol) (CAS: 64-17-5)

PEL (Inhalation): 1000 ppm (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 1900 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 1000 ppm (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 1000 ppm (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

TLV® (Inhalation): (ST) 1000 ppm; USA (ACGIH)

OSHA Annotated Table Z-1, www.osha.gov

2. Furfural (CAS: 98-01-1)

PEL (Inhalation): 5 ppm (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 20 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 2 ppm (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): See Appendix D (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

8.2 Appropriate engineering controls

Ensure good ventilation of the work station.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Pictograms



Eye/face protection

Safety glasses

Skin protection

Protective gloves

Body protection

Wear suitable protective clothing

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Respiratory protection

Wear respiratory protection.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Yellow to deep amber
Odor	rich, sweet
Odor threshold	
pH	
Melting point/freezing point	
Initial boiling point and boiling range	
Flash point	13 °C
Evaporation rate	
Flammability (solid, gas)	
Upper/lower flammability limits	
Vapor pressure	
Vapor density	
Relative density	0.942 (0.935 - 0.955)
Solubility(ies)	Insoluble.
Partition coefficient: n-octanol/water	
Auto-ignition temperature	
Decomposition temperature	
Viscosity	
Explosive properties	
Oxidizing properties	

SECTION 10: Stability and reactivity

10.1 Reactivity

Highly flammable liquid and vapour.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4 Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

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Not classified

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitization

May cause an allergic skin reaction.

Carcinogenicity

May cause cancer.

SECTION 12: Ecological information

Toxicity

The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

SECTION 13: Disposal considerations

Disposal of the product

Dispose of contents/container in accordance with licensed collector's sorting instructions

SECTION 14: Transport information

DOT (US)

UN Number: 1266

Class: 3

Packing Group: III

Marine pollutant: No

IMDG

UN Number: 1266

Class: 3

Packing Group: III

Marine pollutant: No

IATA

UN Number: 1266

Class: 3

Packing Group: III

Marine pollutant: No

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

New Jersey Right To Know Components

Common name: ETHYL ALCOHOL

CAS number: 64-17-5

Pennsylvania Right To Know Components

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Chemical name: Ethanol
CAS number: 64-17-5

Massachusetts Right To Know Components

Chemical name: Ethanol
CAS number: 64-17-5

California Prop. 65 Components

WARNING! This product contains a chemical known to the State of California to cause cancer.
CAS-No. 64-17-5: Ethanol

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

CAS-No. 64-17-5: Ethanol

Massachusetts Right To Know Components

Chemical name: Furfural
CAS number: 98-01-1

New Jersey Right To Know Components

Common name: FURFURAL
CAS number: 98-01-1

Pennsylvania Right To Know Components

Chemical name: 2-Furancarboxaldehyde
CAS number: 98-01-1

New Jersey Right To Know Components

Common name: BUTANEDIONE
CAS number: 431-03-8

Pennsylvania Right To Know Components

Chemical name: 2,3-Butanedione
CAS number: 431-03-8

15.2 Chemical Safety Assessment

Please see section 2.

SECTION 16: Other information

16.1 Further information/disclaimer

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