

KING FLOYD'S INC.

SAFETY DATA SHEET

Date of Issue 01/29/25

Version: 1

SECTION 1: IDENTIFICATION

Product Name:

King Floyd's Inc. Bitters; Aromatic Barrel Aged Bitters; Aromatic Bitters; Cardamom Bitters; Grapefruit Rosemary; Cherry Cacao Bitters; Green Chili Bitters; Orange Bitters, Scorched Pear & Ginger; Ginger Bitters; Wild Plum Bitters, Buddha's Hand Bitters, Chocolate Bitters, Old Fashioned Bitters, Lavender Bitters, Ginger Cocktail Syrup.

Other Names

Bitters

Manufacturer:

King Floyd's Inc.

Manufacturer Address:

102 Hamilton Drive, Suite H Novato, CA 94949

United States of America

Emergency Telephone:

1-415-475-7811

CHEMTREC:

800-262-8200

Recommended Usage:

King Floyd's Inc. bitters is a concentrated food and beverage flavoring that is used in small amounts or dashes to add sophistication and enhance the flavor of food dishes and drink mixes.

Usage Restrictions:

King Floyd's Inc. bitters has never been consumed or used as a beverage, as it is indeed unpalatable tasted in isolation

SECTION 2: HAZARD(S) IDENTIFICATION

Chemical Hazard Classification:

3 – Flammable Liquid

Signal Word:

Warning

Hazard Statement:

Flammable liquid and vapor, splashes may cause eye irritation; a weak oxidizer

GHS Label Elements:

Precautionary Statement:

Read label before use. Keep out of reach of children.

Description Of Other Hazards:

None known

SECTION 3: COMPOSITIONS / INFORMATION ON INGREDIENTS

Substance/Mixture:

Mixture

Chemical Name:

Bitters

Common Name And Synonyms:

Bitters, King Floyd's Inc. Bitters

Formulation:

The specific composition of this product has been withheld as a trade secret

Chemical Abstracts Service (CAS) Number

Main Ingredient – Ethyl Alcohol – (64-17-5)

CAS #

Chemical Name

Percent

64-17-5

Ethyl Alcohol

46.6 – 44.8

SECTION 4: FIRST AID MEASURES

Eye Contact:

1. Flush eyes well with large quantities of water for at least 15 minutes.

2. Seek medical attention if required

Inhalation:

1. If overcome by exposure, remove victim to fresh air immediately.

2. Seek medical attention if required.

Skin:

1. Wash skin thoroughly with mild soap/water.

2. Seek medical attention if ill effect or irritation develops

Ingestion:

1. Use product as directed on label.

For large amounts, seek medical attention.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Equipment:

Carbon dioxide, "alcohol-type foam" dry chemical, water in deluge quantities

Hazardous Combustion By-Products:

Vapors form from this product may travel or move by air currents to an ignition source and flash back.

Special Fire-Fighting Procedures:

1. Keep upwind.

2. Shut down all possible sources of ignition

3. Water may be ineffective but use to keep fire-exposed containers cool.

4. Keep run-off water out of sewers and water sources.

5. Dike for water control.

6. Use spray or fog nozzles.

7. Cool containers exposed to flames with water from the side until well after the fire is out.

8. Move container from fire area if it can be done without risk.

9. If risk of water pollution occurs, notify appropriate authorities.

Unusual Fire And Explosion Hazards

Vapors form from this product may travel or move by air currents to an ignition source and flash back.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Spill and clean up procedures

1. Shut off all ignition sources. Put on appropriate personal protective equipment as required.

Cordon

off spill area/ stop leak if you can do it without risk. Do not touch or walk through spilled material.

2. Provide adequate ventilation. Avoid breathing vapor.

1. Move containers from spill area.

2. Use spark-proof tools and explosion-proof equipment.

3. Approach release from upwind.

4. Prevent entry into sewers, water courses, basements or confined areas.

5. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

SECTION 7: HANDLING & STORAGE

Precautions for safe handling – protective measures:

Avoid breathing vapor.

Precautions for safe handling – Advice on general occupational hygiene:

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.

Precautions for safe handling – conditions for safe storage including any incompatibilities:

1. Store in accordance with local regulations.

2. Eliminate all ignition sources.

3. Separate from oxidizing materials.

4. Keep tightly closed and sealed until ready for use.

5. Do not store in unlabeled containers.

6. Use appropriate containment to avoid environmental contamination.

7. Store at room temperature out of direct sunlight

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Osha Permissible Exposure Limit:

1000 ppm TWA (ethanol)

1900 mg/m³ TWA

ACGIH Threshold Limit Value:

1000 ppm

NIOSH:

1000 ppm TWA (ethanol)

1900 mg/m³

TWA 3300 ppm IDLH

Environmental exposure controls (for large spills):

1. Prevent dispersion of material. Avoid discharge into drains, water courses or into the ground.
2. Inform authorities if large amounts are involved. Do not flush into sewer

Personal precautions

1. Avoid breathing vapors.
2. Ventilate area. Shut off all sources of ignition.
3. Wear suitable protective clothing AS REQUIRED

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

Appearance – Physical State:

Liquid

Appearance – Color:

Red units 110 – 120, Yellow units 290 – 300

Melting/Freezing Point:

Not Available

Critical Temperature:

Not available

Odor:

Bouquet of fruits, spices and herbs.

Odor Threshold:

Not available

pH:

Not available

Flash Point:

80oF or 36.6oC

Burning Time:

Not applicable

Burning Rate:

Not applicable

Evaporation Rate:

Not available

Flammability (solid, gas):

Not available

Lower explosive limits (LEL):

3.3 %

Upper explosive limits (UEL):

19%

Vapor pressure and density:

Not available

Specific Volume (ft³/lb)

Not available

Gas Density (lb/ft³)

Not available

Relative Density:

Not available

Solubility:

Not available

Solubility in Water:

YES

Partition co-efficient: n-octanol/water:

Not available

Auto-ignition temperature:

Not available

Decomposition temperature:

Not available

SADT:

Not available

Viscosity:

Not available

SECTION 10: STABILITY AND REACTIVITY

Reactivity:

No specific test data related to reactivity available for this product or its ingredients.

Chemical Stability:

The product is stable.

Possibility of hazardous reactions:

Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid:

Avoid all possible sources of ignition (spark or flame).

Incompatibility with various substances:

Highly reactive or incompatible with the following materials: oxidizing materials

Hazardous decomposition products

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

Hazardous polymerization:

Under normal conditions of storage and use, hazardous polymerization will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity:

Not available

Irritation/Corrosion:

Not available

Sensitization:

Not available

Mutagenicity:

Not available

Carcinogenicity:

Not available

Reproductive toxicity:

Not available

Teratogenicity:

Not available

Specific target organ toxicity: (single exposure):

Not available

Specific target organ toxicity (repeated exposure):

Not available

Aspiration hazard:

Not available

Information on the likely routes of exposure:

Not available

Potential acute health effects – eye contact:

Not available

Potential acute health effects – inhalation:

Not available

Potential acute health effects – skin contact:

Not available

Potential acute health effects – ingestion:

Not available

Symptoms related to the physical, chemical and toxicological characteristics – eye contact:

No specific data

Symptoms related to the physical, chemical and toxicological characteristics – inhalation:

No specific data

Symptoms related to the physical, chemical and toxicological characteristics – skin contact:

No specific data

Symptoms related to the physical, chemical and toxicological characteristics – ingestion:

No specific data

Short term exposure – potential immediate effects:

Not available

Short term exposure – potential delayed effects

Not available

Potential chronic health effects – General

No specific data

Potential chronic health effects – carcinogenicity

No specific data

Potential chronic health effects – mutagenicity

No specific data

Potential chronic health effects – teratogenicity

No specific data

Potential chronic health effects – developmental effects

No specific data

Potential chronic health effects – fertility effects

No specific data

SECTION 12: ECOLOGICAL INFORMATION

Toxicity:

Not available

Persistence and degradability:

Not available

Mobility in soil – soil/water partition coefficient (Koc):

Not available

Mobility in soil – Other adverse effects:

Not available

Bio accumulative potential – Product/Ingredient Name:

Not available

Bio accumulative potential – LogPow:

Not available

Bio accumulative potential – BCF:

Not available

Bio accumulative potential:

Not available

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Methods:

1. The generation of waste should be avoided or minimized wherever possible.
2. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.
3. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.
4. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.
5. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers
6. Waste packaging should be recycled. Landfill should only be considered when recycling is not feasible.
7. This material and its container must be disposed of in a safe way.
8. Empty containers may retain some product residues.
9. Vapor from product residues may create a flammable atmosphere inside the container.

SECTION 14: TRANSPORT INFORMATION

UN Number

UN1169

Un Proper Shipping Name

Aromatic extract

Transport Hazard Class

3 – Flammable Liquid

Packing Group Number

III

International Maritime Dangerous Goods Code (IMDG Code)

UN1169

Special Precautions:

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

SECTION 15: REGULATORY INFORMATION

U.S. Federal regulations:

The Bureau of Alcohol, Tobacco and Firearms (Department of the Treasury), regulates the production, procurement and use of ethyl alcohol products.

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs):

Not listed

Clean Air Act Section 602 Class I Substances:

Not listed

Clean Air Act Section 602 Class II Substances:

Not listed

DEA List I Chemicals (Precursor Chemicals):

Not listed

DEA List II Chemicals (Essential Chemicals):

Not listed

SECTION 16: OTHER INFORMATION

General:

To the best of our knowledge, the information contained herein is accurate. It does not represent a guarantee of the properties of the product and is furnished without warranty and acceptance of liability of any kind by King Floyd's Inc. It characterizes the product with regard to the appropriate safety precautions. Users should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and safety and health.