

# Safety Data Sheet

This safety data sheet complies with the requirements of:  
US OSHA Hazard Communication Standard (29 CFR 1910.1200)

**Product code** TS181  
**Product name** Bourbon & Cocoa

**Issue date** 22-Aug-2023

**Revision date** 22-Aug-2023

**Version** 2

## 1. Identification of the Substance/Preparation and of the Company/Undertaking

### Product identifier

**Product name** Bourbon & Cocoa

### Other means of identification

**Product code** TS181  
**UN/ID no** 3082  
**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended Use** Industry Use.  
**Uses advised against** No information available

### Details of the supplier of the safety data sheet

### Emergency telephone number

**Company Phone Number**  
**Emergency telephone**

Use CHEMTREC instead of Emergency Phone Number  
Chemtrec 1-800-424-9300 Contract# CCN17256

**2. Hazards Identification**

**Classification**

Acute toxicity - Oral	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Skin sensitization	Category 1B
Carcinogenicity	Category 1B
Flammable liquids	Category 4

**Label elements**

**EMERGENCY OVERVIEW**

**Danger**

**Hazard statements**  
 Harmful if swallowed  
 Causes skin irritation  
 Causes serious eye irritation  
 May cause an allergic skin reaction  
 May cause cancer  
 Combustible liquid



fillmore  
CONTAINER

**Appearance** No information available      **Physical state** No information available      **Odor** No information available

**Precautionary Statements - Prevention**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/clothing and eye/face protection. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Keep away from flames and hot surfaces. - No smoking.

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention. Specific treatment (see .? on this label).  
 IF IN EYES: 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 ON SKIN: Wash with plenty of water and soap. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.  
 IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell. Rinse mouth.  
 In case of fire: Use CO2, dry chemical, or foam to extinguish.

**Precautionary Statements - Storage**

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

**Precautionary Statements - Disposal**

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

**Hazards not otherwise classified (HNOC)**

**Other Information**

- Toxic to aquatic life with long lasting effects
- Very toxic to aquatic life

27.2597 % of the mixture consists of ingredient(s) of unknown toxicity

### 3. Composition/information on Ingredients

Chemical name	CAS No.	Weight-%
Benzyl benzoate	120-51-4	50-80%
Iso E super	54464-57-2	10-20%
Vanillin	121-33-5	1-10%
Heliotropine	120-57-0	1-10%
Ethylene brassylate	105-95-3	1-10%
Octahydrocoumarin	4430-31-3	1-10%
Ethyl vanillin	121-32-4	1-10%
Eugenol	97-53-0	0.01-1%
Rum ether	8030-89-5	0.01-1%
Phenyl ethyl acetate	103-45-7	0.01-1%
2-Methylbutanol natural	137-32-6	0.01-1%
Anethole	4180-23-8	0.01-1%
Acetoin	513-86-0	0.01-1%
Methyl cyclopentenolone	765-70-8	0.01-1%
Isoamyl alcohol	123-51-3	0.01-1%
Geranyl Isobutyrate	2345-26-8	0.01-1%
Damascone alpha	43052-87-5	0.01-1%

### 4. First Aid Measures

#### Description of first aid measures

<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin contact</b>	Wash skin with soap and water. Wash off immediately with plenty of water. Wash contaminated clothing before reuse. Consult a physician if necessary.
<b>Inhalation</b>	Remove to fresh air. If breathing is difficult, give oxygen. Move to fresh air in case of accidental inhalation of vapors. If not breathing, give artificial respiration.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice. Consult a physician if necessary.

#### Most important symptoms and effects, both acute and delayed

**Symptoms** No information available.

#### Indication of any immediate medical attention and special treatment needed

**Note to physicians** Treat symptomatically.

### 5. Fire-Fighting Measures

#### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### Unsuitable extinguishing media

#### Specific hazards arising from the chemical

Combustible material.

**Hazardous combustion products** Irritating or toxic substances may be emitted upon burning, combustion, or decomposition.

**Explosion data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Special protective actions for fire-fighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Ensure adequate ventilation, especially in confined areas. Avoid contact with skin, eyes and inhalation of vapors. Wear protective gloves/protective clothing and eye/face protection. Wash thoroughly after handling.

### Environmental precautions

**Environmental precautions** See Section 12 for additional Ecological Information.

### Methods and material for containment and cleaning up

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

## 7. Handling and Storage

### Precautions for safe handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Avoid breathing vapors or mists. Ensure adequate ventilation, especially in confined areas. Wash thoroughly after handling. When using do not eat, drink or smoke.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from sunlight. Keep locked up and out of reach of children.

**Incompatible materials** None known based on information supplied.

## 8. Exposure Controls/Personal Protection

### Control parameters

**Exposure guidelines** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

### Appropriate engineering controls

**Engineering controls** Showers  
Eyewash stations  
Ventilation systems.

### Individual protection measures, such as personal protective equipment

<b>Eye/Face Protection</b>	Wear safety glasses with side shields (or goggles). Avoid contact with eyes.
<b>Skin and Body Protection</b>	Avoid contact with skin. Wear protective gloves and protective clothing.
<b>Respiratory protection</b>	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. Ensure adequate ventilation, especially in confined areas.
<b>General hygiene considerations</b>	Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. When using do not eat, drink or smoke. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Regular cleaning of equipment, work area and clothing is recommended. Avoid breathing (dust, vapor, mist, gas).

**9. Physical and Chemical Properties**

**Information on basic physical and chemical properties**

<b>Physical state</b>	Liquid	<b>Odor</b>	Characteristic odor
<b>Appearance</b>	Clear	<b>Odor threshold</b>	Not applicable
<b>Color</b>	Light yellow		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not applicable	
Melting point / freezing point	Not applicable	
Boiling point / boiling range	No data available	
Flash Point	> 93 °C / > 199 °F	CC (closed cup)
Evaporation Rate	Not applicable	
Flammability (solid, gas)	Not applicable	
Flammability Limit in Air		
Upper flammability limit:	Not applicable	
Lower flammability limit:	Not applicable	
Vapor pressure	Not applicable	
Vapor Density	Not applicable	
Specific gravity	Not applicable	
Water solubility	Not applicable	
Solubility in other solvents	Not applicable	
Partition coefficient	Not applicable	
Autoignition Temperature	Not applicable	
Hyphen	Not applicable	
Kinematic viscosity	No data available	
Dynamic viscosity	Not applicable	
Explosive properties	Not applicable	
Oxidizing properties	Not applicable	

**Other information**

<b>Softening point</b>	not applicable
<b>Molecular weight</b>	Not applicable
<b>VOC content</b>	Not applicable
<b>Density</b>	Not applicable
<b>Bulk Density</b>	Not applicable

**10. Stability and Reactivity**

**Reactivity**

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

None under normal processing.

**Conditions to avoid**

Extremes of temperature and direct sunlight.

**Incompatible materials**

None known based on information supplied.

**Hazardous decomposition products**

None known based on information supplied.

**11. Toxicological Information**

Information on likely routes of exposure

**Product Information**

<b>Inhalation</b>	Avoid breathing vapors or mists.
<b>Eye Contact</b>	Causes serious eye irritation.
<b>Skin contact</b>	Avoid contact with skin. Causes skin irritation.
<b>Ingestion</b>	Harmful if swallowed.

**Component Information**

Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Serious eye damage/eye irritation</b>	Causes serious eye irritation.
<b>Sensitization</b>	May cause sensitization by skin contact.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	The table below indicates whether each agency has listed any ingredient as a carcinogen.
<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration hazard</b>	No information available.

Numerical measures of toxicity - Product Information

**Unknown acute toxicity** 27.2597 % of the mixture consists of ingredient(s) of unknown toxicity  
**The following values are calculated based on chapter 3.1 of the GHS document** mg/kg

**12. Ecological Information**

This product contains a chemical which is listed as a marine pollutant according to DOT. This product contains a chemical which is listed as a severe marine pollutant according to DOT.

**Ecotoxicity**

Toxic to aquatic life with long lasting effects Very toxic to aquatic life

0 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

**Other adverse effects**

No information available

**13. Disposal Considerations**

**Waste treatment methods**

**Disposal of wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging**

Do not reuse container.

**14. Transport Information**

**DOT**

**UN/ID no**

Regulated  
3082

**Proper Shipping Name**

Environmentally Hazardous Substance, Liquid, n.o.s.

**Transport hazard class(es)**

9

**Packing group**

III

**Marine pollutant**

This product contains a chemical which is listed as a marine pollutant according to DOT.  
This product contains a chemical which is listed as a severe marine pollutant according to DOT.

**15. Regulatory Information**

**16. Other Information**

Chronic Hazard Star Legend

\* = *Chronic Health Hazard*

**Revision date**

22-Aug-2023

**Revision note**

No information available

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage,

transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. This material has not been tested or proven safe for inhalation. With this document, the manufacturer only attests to the safety of the product when used in the appropriate and suitable fragrance/flavor industry application.

Classification and labeling according to the IFRA/IOFI Labeling Manual 2022.

**End of Safety Data Sheet**

