

## SECTION 1: Identification

### 1.1. GHS Product identifier

Product form : Mixture  
Product name : CAMPFIRE  
Product code : DH-B9595

### 1.2. Other means of identification

No additional information available

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

No additional information available

### 1.4. Supplier's details

Tianjin Double Horse Flavours & Fragrances Co., Ltd.  
No.12 Chilong Street Economic Zone of Development Jinnan District (west) Tianjin, China, 300350  
300350  
T 022-28571778  
sally\_zhai@dhff.com - <http://www.dhff.com>

### 1.5. Emergency phone number

Emergency number : +86-022-28571683

## SECTION 2: Hazard identification


### 2.1. Classification of the substance or mixture

#### Classification according to the United Nations GHS

Flammable liquids Not classified		On basis of test data
Acute toxicity (oral), Category 5	H303	Calculation method
Skin corrosion/irritation, Category 3	H316	Calculation method
Serious eye damage/eye irritation, Category 2	H319	Calculation method
Skin sensitisation, Category 1	H317	Calculation method
Hazardous to the aquatic environment — Acute Hazard, Category 1	H400	Calculation method
Hazardous to the aquatic environment — Chronic Hazard, Category 2	H411	Calculation method
Full text of H-statements: see section 16		

### 2.2. GHS Label elements, including precautionary statements

#### Labelling according to the United Nations GHS

Hazard pictograms (GHS UN) : 

Signal word (GHS UN) : Warning

Hazard statements (GHS UN) : H303 - May be harmful if swallowed  
H316 - Causes mild skin irritation  
H317 - May cause an allergic skin reaction  
H319 - Causes serious eye irritation  
H400 - Very toxic to aquatic life  
H411 - Toxic to aquatic life with long lasting effects

Precautionary statements (GHS UN) : P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264 - Wash hands and ... thoroughly after handling.  
P272 - Contaminated work clothing should not be allowed out of the workplace.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing

# Safety Data Sheet

according to the United Nations GHS (Rev. 7, 2017)

protection/....

P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/... if you feel unwell.

P302+P352 - IF ON SKIN: Wash with plenty of water/....

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321 - Specific treatment (see ... on this label).

P332+P313 - If skin irritation occurs: Get medical advice/attention.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 - If eye irritation persists: Get medical advice/attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

P391 - Collect spillage.

P501 - Dispose of contents/container to ....

## 2.3. Other hazards which do not result in classification

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to the United Nations GHS
Benzyl benzoate	CAS-No.: 120-51-4	20- 30	Acute toxicity (dermal), Category 5, H313 Acute toxicity (oral), Category 4, H302 Hazardous to the aquatic environment — Acute Hazard, Category 1, H400 Hazardous to the aquatic environment — Chronic Hazard, Category 2, H411
Diethyl phthalate	CAS-No.: 84-66-2	20-25	Skin corrosion/irritation, Category 3, H316 Hazardous to the aquatic environment — Acute Hazard, Category 3, H402
Eugenol	CAS-No.: 97-53-0	15-20	Acute toxicity (oral), Category 5, H303 Serious eye damage/eye irritation, Category 2A, H319 Hazardous to the aquatic environment — Acute Hazard, Category 2, H401 Skin corrosion/irritation, Category 3, H316 Skin sensitisation, category 1B, H317
Isobornyl acetate	CAS-No.: 125-12-2	5-10	Flammable liquids, Category 4, H227 Skin corrosion/irritation, Category 3, H316 Hazardous to the aquatic environment — Acute Hazard, Category 2, H401
Butylated hydroxytoluene	CAS-No.: 128-37-0	1-5	Hazardous to the aquatic environment — Acute Hazard, Category 1, H400 Hazardous to the aquatic environment — Chronic Hazard, Category 1, H410
Methyl dihydrojasmonate	CAS-No.: 24851-98-7	1-5	Hazardous to the aquatic environment — Acute Hazard, Category 3, H402

Full text of H-statements: see section 16

## SECTION 4: First-aid measures

### 4.1. Description of necessary first-aid measures

First-aid measures general : Call a poison center or a doctor if you feel unwell.

# Safety Data Sheet

according to the United Nations GHS (Rev. 7, 2017)

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after 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.
First-aid measures after ingestion	: Rinse mouth. Call a poison center or a doctor if you feel unwell.

## 4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after skin contact	: Irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Eye irritation.

## 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

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
------------------------------	--

### 5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire	: Toxic fumes may be released.
--	--------------------------------

### 5.3. Special protective actions for fire-fighters

Protection during firefighting	: 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

#### 6.1.1. For non-emergency personnel

Emergency procedures	: Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.
----------------------	--

#### 6.1.2. For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
----------------------	---

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and materials for containment and cleaning up

For containment	: Collect spillage.
Methods for cleaning up	: Take up liquid spill into absorbent material.
Other information	: Dispose of materials or solid residues at an authorized site.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling	: Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment. Avoid breathing dust/fume/gas/mist/vapours/spray.
-------------------------------	--

# Safety Data Sheet

according to the United Nations GHS (Rev. 7, 2017)

Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

## 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.  
Environmental exposure controls : Avoid release to the environment.

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

Hand protection : Protective gloves  
Eye protection : Safety glasses  
Skin and body protection : Wear suitable protective clothing  
Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment  
Personal protective equipment symbol(s)



### 8.4. Exposure limit values for the other components

No additional information available

## SECTION 9: Physical and chemical properties

### 9.1. Basic physical and chemical properties

Physical state : Liquid  
Colour : Colorless to Pale Yellow  
Odour : Conforms to Standards  
Flash point : > 93 °C  
Relative density at 25 °C : 1.046 – 1.066

### 9.2. Data relevant with regard to physical hazard classes (supplemental)

Refractive index at 20 °C : 1.5131 – 1.5331

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

# Safety Data Sheet

according to the United Nations GHS (Rev. 7, 2017)

## 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

## 10.5. Incompatible materials

No additional information available

## 10.6. Hazardous decomposition products

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

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: May be harmful if swallowed.
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Causes mild skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified.
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general	: Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short-term (acute)	: Very toxic to aquatic life.
Classification procedure (Hazardous to the aquatic environment, short-term (acute))	: Calculation method
Hazardous to the aquatic environment, long-term (chronic)	: Toxic to aquatic life with long lasting effects.
Classification procedure (Hazardous to the aquatic environment, long-term (chronic))	: Calculation method

### 12.2. Persistence and degradability

#### CAMPFIRE

Persistence and degradability	No additional information available
-------------------------------	-------------------------------------

### 12.3. Bioaccumulative potential

#### CAMPFIRE

Bioaccumulative potential	No additional information available
---------------------------	-------------------------------------

### 12.4. Mobility in soil

#### CAMPFIRE

Mobility in soil	No additional information available
------------------	-------------------------------------

### 12.5. Other adverse effects

Ozone	: Not classified
-------	------------------

# Safety Data Sheet

according to the United Nations GHS (Rev. 7, 2017)

Other adverse effects : No additional information available




## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

In accordance with 关于危险货物运输的建议书 (UN RTDG) / IMDG / IATA

UN RTDG	IMDG	IATA
<b>14.1. UN number</b>		
Not regulated for transport		
<b>14.2. UN Proper Shipping Name</b>		
Not applicable	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>		
Not applicable	Not applicable	Not applicable
		
<b>14.4. Packing group</b>		
Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>		
Dangerous for the environment : Yes	Dangerous for the environment : Yes Marine pollutant : Yes	Dangerous for the environment : Yes
No supplementary information available		

### 14.6. Special precautions for user

#### UN RTDG

No data available

#### IMDG

No data available

#### IATA

No data available

### 14.7. Transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

No additional information available

# Safety Data Sheet

according to the United Nations GHS (Rev. 7, 2017)

## SECTION 16: Other information

Issue date : 11/03/2022  
Revision date : 11/03/2022

Full text of H-statements:	
H226	Flammable liquid and vapour
H227	Combustible liquid
H228	Flammable solid
H302	Harmful if swallowed
H303	May be harmful if swallowed
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H313	May be harmful in contact with skin
H315	Causes skin irritation
H316	Causes mild skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H320	Causes eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H361	Suspected of damaging fertility or the unborn child
H371	May cause damage to organs
H400	Very toxic to aquatic life
H401	Toxic to aquatic life
H402	Harmful to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

Safety Data Sheet (SDS), UN

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.