



## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### Product identifier

**Product Name: Mango Flavoring Oil**

### Distributor Information:

TKB Trading  
939 E 11th St  
Oakland, CA 94606  
[www.tkbtrading.com](http://www.tkbtrading.com)  
[support@tkbtrading.com](mailto:support@tkbtrading.com)

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

**Recommended use: Flavors For industrial use only**

## SECTION 2: Hazards identification

**GHS Classification: Aquatic Acute 2 H401**

### Label Elements

**Pictogram:**

**Signal word: No data available**

**Hazard Statements: H401-Toxic to aquatic life.**

**Precautionary statements: Toxic to aquatic life.**



### SECTION 3: Composition/information on ingredients

#### **Substance**

Not applicable

#### **Mixture**

INCN	CAS No.	CONCENTRATION %min	CONCENTRATION %max
gamma-Decalactone	706-14-9	1	3

## SECTION 4: First aid measures

<b><u>General advice:</u></b>	When in doubt or if symptoms are observed, get medical advice.
<b><u>Inhalation:</u></b>	Remove casualty to fresh air and keep warm and at rest. In case of respiratory tract irritation, consult a physician.
<b><u>Skin contact:</u></b>	Change contaminated, saturated clothing. After contact with skin, wash immediately with plenty of water and soap. In case of skin reactions, consult a physician.
<b><u>Eye contact:</u></b>	In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.
<b><u>Ingestion:</u></b>	If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Do NOT induce vomiting.
<b><u>Symptoms:</u></b>	No known symptoms to date.
<b><u>Self-protection of the first aider:</u></b>	Use personal protection recommended in Section 8.
<b><u>Note to physicians:</u></b>	Treat symptomatically.

## SECTION 5: Firefighting measures

<b><u>Suitable extinguishing media:</u></b>	Foam;Carbon dioxide (CO2);Dry extinguishing powder;Sand
<b>Large Fire:</b>	Alcohol resistant foam;Water spray
<b><u>Unsuitable extinguishing media:</u></b>	Full water jet
<b><u>Special hazards arising from the substance or mixture:</u></b>	In case of fire may be liberated;Carbon monoxide;Carbon dioxide (CO2);Burning produces heavy smoke;Do not inhale explosion and combustion gases.
<b><u>Specific extinguishing methods:</u></b>	Use water spray jet to protect personnel and to cool endangered containers
<b><u>Special protective equipment for fire-fighters:</u></b>	Wear a self-contained breathing apparatus and chemical protective clothing Move undamaged containers from immediate hazard area if it can be done safely Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water

## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Avoid contact with skin, eyes or clothing. Use personal protection recommended in Section 8. Remove all sources of ignition. Provide adequate ventilation as well as local exhaust at critical locations. See section 7 for more information.

**For emergency responders:** Use personal protection recommended in Section 8.

### Environmental precautions:

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Ensure waste is collected and contained.

### Methods and material for containment and cleaning up:

**Small spill:** Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

**Large spill:** For large spills contain the material using barriers of absorbent pigs or similar.

### Prevention of secondary hazards:

Remove all sources of ignition. Use only non-sparking tools.

## SECTION 7: Handling and storage

### Advice on safe handling:

Avoid contact with skin, eyes or clothing. Wear protective gloves and eye/face protection. See Section 8 for information on appropriate personal protective equipment. Remove all sources of ignition. Provide adequate ventilation as well as local exhaust at critical locations. Handle and open container with care.

**Storage conditions:**

Keep containers tightly closed in a cool, well-ventilated place. Store in a dry place. Protect from direct sunlight. Remove all sources of ignition. Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.

**SECTION 8: Exposure controls/personal protection**

**Occupational exposure limits:**                      None

**Engineering controls:**                                      Ensure adequate ventilation, especially in confined areas.

**Personal protective equipment:**

**Respiratory protection:**                                      If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

**Hand protection:**    Wear chemically resistant gloves (tested to EN 374) in combination with 'basic' employee training.

**Skin and body protection:**                                      Wear appropriate personal protective clothing to prevent skin contact.

**SECTION 9: Physical and chemical properties**

**Information on basic physical and chemical properties**

**Appearance:**    Light Yellow to Yellow Liquid

**Odor:**    Fruity

**Refractive Index:**    1.425-1.445 (n<sub>20°C/D</sub>)

**Specific gravity:**    1.076-1.096(D<sub>20°C/20°C</sub>)

## SECTION 10: Stability and reactivity

<b><u>Reactivity:</u></b>	None under normal use conditions.
<b><u>Chemical stability:</u></b>	Stable under normal conditions. Stable under recommended storage conditions.
<b><u>Possibility of hazardous reactions:</u></b>	None under normal processing.
<b><u>Conditions to avoid:</u></b>	Extremes of temperature and direct sunlight.
<b><u>Incompatible materials:</u></b>	Strong oxidizing agents. Strong acids. Strong bases.
<b><u>Hazardous decomposition products:</u></b>	None under normal use conditions.

## SECTION 11: Toxicological information

**Acute toxicity:**

- 0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
- 0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
- 0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
- 0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
- 0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

The following values are calculated based on chapter 3.1 of the GHS document

**ATEmix (oral):** 4,221.10 mg/kg

**ATEmix (dermal):** 5,001.00 mg/kg

**Skin corrosion/irritation:** No information available

**Serious eye damage/irritation:** No information available

**Respiratory or skin sensitization:** No information available

**Germ cell mutagenicity:** No information available

**Carcinogenicity:** No information available

**Reproductive toxicity:** No information available

**Specific target organ toxicity - Single exposure:**

No information available

**Specific target organ toxicity - Repeated exposure:**

No information available

**Aspiration hazard:**

No information available

## SECTION 12: Ecological information

**Ecotoxicity:**

No information available

**Persistence and degradability:**

No information available

**Bioaccumulative potential:**

No information available

**Mobility in soil:**

No information available

**Other adverse effects:**

No information available

## SECTION 13: Disposal considerations

**Waste from residues/unused products:**

Dispose of waste product or used containers according to local regulations

**Contaminated packaging:**

Do not reuse container. Dispose of waste product or used containers according to local regulations.

## SECTION 14: Transport information

**Sea transport (IMDG).**

**UN/ID no:**

3082

**Proper Shipping Name:**

Environmentally hazardous substance, liquid, n.o.s. (1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one AND 1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran)

**Hazard Class:**

9

**Packing group:**

III

**Marine Pollutant:**

Yes



<b>Special Provisions:</b>	None
<b>EmS No:</b>	F-A S-F
<b><u>Road transport:</u></b>	
<b>UN/ID no:</b>	3082
<b>Proper Shipping Name:</b>	Environmentally hazardous substance, liquid, n.o.s. (1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one AND 1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran)
<b>Hazard Class:</b>	9
<b>Packing group:</b>	III
<b>Environmental Hazard:</b>	Yes
<b>Special Provisions:</b>	None
<b><u>Air transport (ICAO-TI / IATA-DGR):</u></b>	
<b>UN/ID no:</b>	3082
<b>Proper Shipping Name:</b>	Environmentally hazardous substance, liquid, n.o.s. (1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one AND 1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran)
<b>Hazard Class:</b>	9
<b>Packing group:</b>	III
<b>Environmental Hazard:</b>	Yes
<b>Special Provisions:</b>	None

## SECTION 15: Regulatory information

### National Regulations:

GB/T 16483 Safety Data Sheet For Chemical Products Content and Order of Sections  
GB/T 17519 Guidance on the compilation of safety data sheet for chemical products

## SECTION 16: Other information

### Full text of H-Statements referred to under section 3

- H303 - May be harmful if swallowed
- H304 - May be fatal if swallowed and enters airways
- H313 - May be harmful in contact with skin
- H315 - Causes skin irritation
- H316 - Causes mild skin irritation
- H317 - May cause an allergic skin reaction
- H319 - Causes serious eye irritation
- H320 - Causes eye irritation
- 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

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### Hazard Class

Flam. Liq.	Flammable Liquids
Acute Tox.	Acute Toxicity
Skin Irrit.	Skin irritation
Eye Irrit.	Eye irritation
Muta.	Germ cell mutagenicity
Carc.	Carcinogenic
Skin Sens.	Skin sensitization
Aquatic Acute	Hazardous to the Aquatic Environment - Acute Hazard
Aquatic Chronic	Hazardous to the Aquatic Environment - Chronic Hazard
Skin Corr.	Skin corrosion
Eye Dam.	Eye Damage
Asp. Tox	Aspiration toxicity
STOT SE	Specific target organ toxicity - Single exposure
STOT RE	Specific target organ toxicity - Repeated exposure
Repr.	reproductive toxicant



## Key literature references and sources for data

IFRA-IOFI Labelling Manual 2023

RIFM/IOFI database

**Revision date: 2025-07-23**

**Reason for revision** Not applicable.

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**End of Safety Data Sheet**