



# MATERIAL SAFETY DATA SHEET

In accordance with 1907/2006/EC,1272/2008/EC



**Date: October 10, 2017**

## 1. Identification of the substance/mixture and of the company/undertaking

**Product name:** MY10-E139 Berry  
**Product Use:** Fragrance for Consumer product  
**Company name :** MEIYI Flavor Fragrance CO.,LTD  
**Emergency phone:** 86-0512-50128983  
**Fax:** 86-0512-50128993  
**E-mail address:** meiyi\_xj@163.com  
**Emergency phone:** 86-0512-50128983

## 2. Hazards identification

### Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]

Skin irritation, Category 2  
 Eye irritation, Category 2A  
 Skin sensitization, Category 1  
 Chronic aquatic toxicity, Category 2



**Hazard symbol :**

**Signal word :** Warning

**Hazard statements :** H315 Causes skin irritation.  
 H317 May cause an allergic skin reaction  
 H319 Causes serious eye irritation  
 H411 Toxic to aquatic life with long lasting effects

**Precautionary statements :** P270 Do not eat, drink or smoke when using this product.  
 P330 Rinse mouth.  
 P280 Wear protective gloves/protective clothing.  
 P242 Use only non-sparking tools.  
 P243 Take precautionary measures against static discharge.  
 P312 Call a POISON CENTER or doctor/ physician if you feel unwell.  
 P361 Remove/ Take off immediately all contaminated clothing.  
 P363 Wash contaminated clothing before reuse.  
 P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
 P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
 P337 + P313 If eye irritation persists: Get medical advice/attention.



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

P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

## 3. Composition/information on ingredients

**Chemical Name : MULTI-COMPONENT MIXTURE****Hazardous components**

Chemical Name	CAS-No.	EINECS-No.	Classification EC1272/2008	Concentration [%]
BHT	128-37-0	204-881-4	/	1-5
Methyl dihydrojasmonate(Hedione)	24851-98-7	246-495-9	/	5-10
Strawberry aldehyde(Ethyl 3-methyl-3-phenylglycidate)	77-83-8	201-061-8	H226 H315 H319 H335	15-20
LINALOOL	78-70-6	201-134-4	H315 H319 H335	5-10
Lylal	31906-04-4	250-863-4	/	1-5
Benzyl benzoate	120-51-4	204-116-4	H302 H411	1-5
alpha-Hexylcinnamaldehyde(HCA)	101-86-0	202-983-3	H317 H412	5-10
Ethyl hexanoate	123-66-0	204-640-3	H226 H315 H319 H335	5-10
Verdox(O-TERT-BUTYLCYCLO HEXYL ACETATE)	88-41-5	201-828-7	H227 H303 H315 H339	1-5
Triacetin	102-76-1	203-051-9	/	30-40

## 4. First-aid measures

**Description of first aid measures**

General advice: Move out of dangerous area.  
Never give anything by mouth to an unconscious person.  
Move to fresh air.

Inhalation: If symptoms persist, call a physician.  
Take off all contaminated clothing immediately.

Skin contact: If skin irritation persists, call a physician.  
Irrigate copiously with clean, fresh water for at least 10 minutes, keep eye wide open while rinsing.

In case of eye contact: Remove contact lenses.



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Protect unharmed eye.  
If eye irritation persists, consult a specialist.  
Prevent vomiting if possible.  
If a person vomits when lying on his back, place him in the recovers position.  
Never give anything by mouth to an unconscious person  
Ingestion: Clean mouth with water.  
If symptoms persist, call a physician.

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

Symptoms: no data available  
Risks: no data available

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

Treatment: no data available

## 5. Fire-fighting measures

### Extinguishing media

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide  
Unsuitable extinguishing: high volume water jet

### Special hazards arising from the substance or mixture

Specific hazards during fire fighting: Do not use a solid water stream as it may scatter and spread fire

### Advice for firefighters

Special protective equipment for fire-fighters: Wear self contained breathing apparatus.  
Further information: Use water spray to cool unopened containers.  
In the event of fire and/or explosion do not breathe fumes

## 6. Accidental release measures

**Personal precautions:** Avoid inhalation and contact with skin and eyes. A self-contained breathing apparatus is recommended in case of a major spill.

**Environmental:** keep away from drains, surface and ground water, and soil.

**Methods for cleaning up:** Clean up spillage promptly. Remove ignition sources. Provide adequate



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ventilation. Avoid excessive inhalation of vapours. Gross spillages should be contained by use of sand or inert powder and disposed of according to the local regulations.

## 7. Handling and storage

**Advice on safe handling** : Avoid excessive inhalation of concentrated vapors. Follow good manufacturing practices for housekeeping and personal hygiene. Wash any exposed skin immediately after any chemical contact, before breaks and meals, and at the end of each work period. Contaminated clothing and shoes should be thoroughly cleaned before re-use.

If appropriate, procedures used during the handling of this material should also be used when cleaning equipment or removing residual chemicals from tanks or other containers, especially when steam or hot water is used, as this may increase vapor concentrations in the workplace air. Where chemicals are openly handled, access should be restricted to properly trained employees.

Keep all heated processes at the lowest necessary temperature in order to minimize emissions of volatile chemicals into the air.

**Advice on protection against fire and explosion** : Keep away from ignition sources and naked flame.

**Requirements for storage areas and containers**: Store in a cool, dry and ventilated area. Keep away from sources of ignition and naked flames.

**Specific use**: No information available

## 8. Exposure controls/personal protection

Components no substances with occupational exposure limit values.

**Respiratory protection**: Use local exhaust ventilation around open tanks and other open sources of potential exposures in order to avoid excessive inhalation, including places where this material is openly weighed or measured.

In addition, use general dilution ventilation of the work area to eliminate or reduce possible worker exposures. No respiratory protection is required during normal operations in a workplace where engineering controls such as adequate ventilation, etc. are sufficient.

If engineering controls and safe work practices are not sufficient, an approved, properly fitted respirator with organic vapor cartridges or canisters and particulate filters should be used:

- a) while engineering controls and appropriate safe work practices and/or procedures are being implemented; or
- b) during short term maintenance procedures when engineering controls are not in normal operation or are not sufficient; or
- c) if normal operational workplace vapor concentration in the air is increased due to heat ;



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d) during emergencies; or

e) if engineering controls and operational practices are not sufficient to reduce airborne concentrations below an established occupational exposure limit.

**Hygiene measures:** To the extent deemed appropriate, implement pre-placement and regularly scheduled ascertainment of symptoms and spirometry testing of lung function for workers who are regularly exposed to this material.

To the extent deemed appropriate, use an experienced air sampling expert to identify and measure volatile chemicals that could be present in the workplace air to determine potential exposures and to ensure the continuing effectiveness of engineering controls and operational practices to minimize exposure.

**Skin protection:** Not needed for normal use.

**Hand protection:** Avoid skin contact, Use chemically resistant gloves as needed.

## 9. Physical and chemical properties

Appearance	: liquid
Odor	: conforms to standard
Color	: Yellow to deep yellow
Refractive Index, $n_D^{20}$	: 1.4810±0.010
Specific Gravity, $d_{25}^{25}$	: 1.0178±0.010
PH value	: 8.0max
Lower explosion limit	: not determined
Upper explosion limit	: not determined
Flammability	: not determined
Flash point	: 85°C
Oxidizing properties	: not determined
Boiling point	: not determined

## 10. Stability and reactivity

**Conditions to avoid:** Direct sources of heat.

**Materials to avoid:** Avoid contact with strong acids, alkali or oxidizing agents.

**Substances to avoid:** None in particular.

**Hazardous decomposition products:** Carbon monoxide and unidentified organic compounds may be formed during combustion.



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## 11. Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Acute Toxicity (Oral LD50) : Not determined.

Acute Toxicity (Dermal LD50) : Not determined

Acute Toxicity (Inhalation LC50) : Not determined

Skin Corrosion/ Irritation : Not determined.

Respiratory or skin sensitization : Not determine

Germ Cell mutagenicity : Not determined

Carcinogenicity : Not determined

Reproductive Toxicity : Not determined

Specific target organ toxicity - single exposure : Not determined

Specific target organ toxicity - repeated exposure : Not determined

#### Aspiration hazard:

Viscosity : Not determined

Inhalation : May cause sensitization by inhalation.

Ingestion : May cause stomach pain or vomiting

Skin contact : May cause an allergic skin reaction.

Eye contact : May cause severe irritation to eyes.

## 12. Ecological information

No ecological studies have been carried out on this product.

### 12.1 Toxicity

Not available

### 12.2 Persistence and degradability

Not available

### 12.3 Bioaccumulative potential

Bioaccumulative potential : No data available

Partition coefficient : Not determined

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**Date: October 10, 2017****12.4 Mobility in soil**

Not relevant

**12.5 Results of PBT and vPvB assessment**

PBT: Not applicable vPvB: Not applicable

**12.6 Other adverse effects**

No further relevant information available

**12.7 Additional ecological information:**

General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

**13. Disposal considerations****Dispose of according to local regulations.**

Avoid disposing into drainage systems and into the environment.

Empty containers should be taken to an approved waste handling site for recycling or disposal.

**14. Transport information****14.1 UN number:**

ADR, IMDG, IATA

Not applicable

**14.2 UN Proper Shipping Name:**

Proper Shipping Name

Air freshener

**14.3 Transport hazard class(es):**

ADR, IMDG, IATA

Class

Not applicable

Label:

-

**14.4. Packing Group:**

ADR, IMDG, IATA

Not applicable

**14.5 Environmental hazards:**

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Marine pollutants: No

**14.6 Special precautions for user:**

Not applicable

**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable

**15. Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

None additional

**15.2 Chemical Safety Assessment**

A Chemical Safety Assessment has not been carried out for this product.

**16. Other information****Risk Phrases In Full**

- H301 Toxic if swallowed.
- H311 Toxic in contact with skin.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H331 Toxic if inhaled.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H411 Toxic to aquatic life with long lasting effects.
  
- P270 Do not eat, drink or smoke when using this product.
- P330 Rinse mouth.
- P280 Wear protective gloves/protective clothing.
- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge.
- P312 Call a POISON CENTER or doctor/ physician if you feel unwell.





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- P36 Remove/Take off immediately all contaminated clothing.
- P363 Wash contaminated clothing before reuse.
- P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
- P337 + P313 If eye irritation persists: Get medical advice/attention.
- P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do Continue rinsing.
- P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

The contents and format of this MSDS are in accordance with Regulation (EC) No.1272/2008, (EC) No. 1907/2006, Regulation (EU) No.453/2010 and EU Commission Directive 1999/45/EC, 67/548/EEC.

## DISCLAIMER OF LIABILITY

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## Abbreviations and acronyms:

ADR: Accord europeen sur le transport des marchandises dangreuses par Route(European Agreement concerning the International Carriage of Dangerous Goods by Road.

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS : Chemical Abstracts Service(Division of the American Chemical S