

## MANGO

### 1 : PRODUCT AND COMPANY IDENTIFICATION

#### 1.1. Product identifier

**DF10003 - MANGO**

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Food flavour/additive for industrial/professional use only.

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

**Company name:** JEAN NIEL SAS Division Arômes  
**Address:** Les Bois de Grasse  
179, Boulevard Emmanuel Rouquier  
06130 Grasse - France

**Phone:** +33 (0)4 93 70 05 43

**Email:** fds.sds@jeannel.com

**Opening hours** (monday - friday): 8:15am/12:15pm - 1:30pm/17pm

#### 1.4. Emergency telephone number

ORFILA (INRS): +33 (0)1 45 42 59 59 (24h/24h)

### 2 : HAZARD IDENTIFICATION

#### 2.1. Classification of the substance or mixture

GHS Classification :

(RegulationCLP)

Eye Irrit. 2 Serious eye damage / eye irritation 2

Flam. Liq. 3 Flammable Liquids 3

H226 - Flammable liquid and vapour.

H319 - Causes serious eye irritation.

EUH208 - Contains . May produce an allergic reaction. :

1-(2,6,6-Trimethylcyclohexa-1,3-dienyl)-2-buten-1-one (Damascenone), Turpentine oil

#### 2.2. Label elements

GHS Classification :

(RegulationCLP)

Warning mention : Warning

Eye Irrit. 2 Serious eye damage / eye irritation 2

Flam. Liq. 3 Flammable Liquids 3

H226 - Flammable liquid and vapour.

H319 - Causes serious eye irritation.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

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

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

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present and easy to do. Continue rinsing.  
P337+P313 - If eye irritation persists: Get medical advice/attention.  
P501 - Dispose of contents/container to ...

EUH208 - Contains . May produce an allergic reaction. :  
1-(2,6,6-Trimethylcyclohexa-1,3-dienyl)-2-buten-1-one (Damascenone), Turpentine oil



**Contains Ethyl alcohol, ALCOOL BIO 96%VL**

See Section 16 for all danger and caution notions H and P.

**2.3. Other hazards**

The mixture does not meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation (EC) No 1907/2006.

**3 : COMPOSITION / INFORMATION ON INGREDIENT**

Product not concerned by the component list.

**3.1. Substances**

NO CONCERNED

**3.2. Mixtures**

Ingredient	CAS No.	EC No.	Concentration	Function
Ethyl alcohol	64-17-5	200-650-01	96%	Solvent
...	...	...	...	...

**4 : FIRST AID MEASURES**

**4.1. Description of first aid measures**

- General Advices: Never give anything by mouth to an unconscious person. In case of sickness, consult a doctor (if possible, show the label).
- In case of Inhalation : Place the subject to rest. Make breathe some fresh air.
- In case of skin contact : Rinse thoroughly with water. Wash the contaminated skin with water and some soap. Wash the contaminated clothes before to reuse. In case of skin irritation, consult a doctor.

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- In case of eyes contact :  
Rinse thoroughly with water (15 minutes eyelids opened). Remove the contact lenses if possible and keep going to rinse. If the eyes irritation persists, consult a doctor.
- In case of ingestion :  
Rinse the mouth. Do not induce vomiting unless medical advice otherwise. Consult immediately a doctor.

### **4.2. Most important symptoms and effects, both acute and delayed**

Heed the hazards statements and the precautionary advice referred in the sections 2.2 and 2.3.

### **4.3. Indication of any immediate medical attention and special treatment needed**

No specific treatments.

## 5 : FIRE FIGHTING

### **5.1. Extinguishing media**

- Recommended: Extinguishing agents : CO<sub>2</sub>, foam, powder, water sprayed.
- Inadvisable: Never use a direct water stream.

### **5.2. Special hazards arising from the substance or mixture**

If the product is classified as flammable, a production of toxic gases or fumes is possible in case of fire.

### **5.3. Advice for firefighters**

Wear protective equipment including breathing equipment with an independent air supply before entering into the fire zone.

Be careful when fighting any chemical fire.

Avoid wastewater struggling against fire contaminates the environment.

## 6 : ACCIDENTAL RELEASE MEASURES

### **6.1. Personal precautions, protective equipment and emergency procedures**

- For non-emergency personnel : Evacuate unnecessary personnel
- For emergency personnel: Provide adequate protection to cleaning teams.  
Stop the leak. Ventilate the area.

### **6.2. Environmental precautions**

Avoid contamination of soil and water. Notify authorities if the product enters into sewers or public waters.

### **6.3. Methods and material for containment and cleaning up**

- Cleaning Procedures : Absorb spill with inert material (sand, diatomaceous earth). Store waste in a closed container of according to local or national regulations.

### **6.4. Reference to other sections**

Refer to sections 8 and 13.

## 7 : HANDLING AND STORAGE

### **7.1. Precautions for safe handling**

- Precautions : Avoid any useless exposure. Wear appropriate protective equipment (see section 8). Ensure good ventilation of the work area to avoid vapor formation. Do not swallow in the state. Avoid breathing vapors or mists.
- Hygiene measures : Do not eat, drink and smoke in the work areas. Wash hands af

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Do not go out of the work area with contaminated work clothes.  
Wash them before reuse.

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

- Particular conditions: Keep only in the original container.
- Storage area: at ambient temperature (Max 30°C) away from air and sunlight.
- Date of minimum durability: 6 months.
- About the packaging: Store in a container, closed and adapted.

### 7.3. Specific end use(s)

Data not available.

## 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1. Control parameters

Substance(s) for which there are European occupational exposure limit values :

Name	C.A.S	Quantity	VLEP 8h - VLEP Short term
Ethyl alcohol	64-17-5	51,369 %	VME : 1000ppm;1900mg.m3 VLTC : 5000ppm;9500mg.m3
Butyl acetate	123-86-4	0,030 %	VME : 150ppm;710mg.m3 VLTC :
Isoamyl acetate (Isopentyl acetate)	123-92-2	0,009 %	VME : 50ppm;270mg.m3 VLTC : 100ppm;540mg.m3

### 8.2. Exposure controls

- General Measures: Wash thoroughly hands and forearms after handling chemical products, before eating, smoking and at the end of the working day. It is recommended to use appropriate techniques to remove potentially contaminated work clothes. They should not leave the workplace and should be washed before reuse. Ensure that the devices eyewash and safety showers are close to the workstation location.
- Protection of eyes and face : Wear chemical splash goggles or safety glasses confirmed with a standard validated when a risk assessment indicates this is necessary.
- Skin Protection: Wearing waterproof and chemical resistant gloves is required if a risk assessment specifies. Wear suitable protective clothing and shoes according to the task at hand.
- Respiratory Protection: Wear suitable respiratory protective equipment and in compliance with standards if a risk assessment indicates this is necessary.
- Environmental Protection: A Good general ventilation is recommended. Ensure that emissions from ventilation or work process equipment comply with the requirements of the legislation on environmental protection.

## 9 : PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

- Physical state : Liquid
- Colour : Pale yellow to yellow
- Odor : Characteristic
- Odour threshold : Data not available

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- pH : Data not available
- Melting point/Freezing point : Data not available
- Boiling point : > 35°C
- Flash point (closed cup) : 23 °C
- Evaporation rate : Data not available
- Inflammability : Data not available
- Vapour pressure : Data not available
- Relative density (20/20°C) : [0.926;0.946] g/cm<sup>3</sup>
- Solubility : Data not available
- Auto-ignition temperature : Data not available
- Decomposition temperature : Data not available
- Viscosity : Data not available
- Explosive properties : Not explosive under normal conditions of use.
- Oxidising properties : Data not available

### **9.2. Other information**

No additional information.

## 10 : STABILITY AND REACTIVITY

### **10.1. Reactivity**

No reaction known under normal conditions of use.

### **10.2. Chemical stability**

Product stable under recommended the storage conditions and handling.

### **10.3. Possibility of hazardous reactions**

No hazardous reactions known.

### **10.4. Conditions to avoid**

Avoid contact with any flame or spark. Avoid overheating and direct sunlight.

### **10.5. Incompatible materials**

Data not available.

### **10.6. Hazardous decomposition products**

No hazardous decomposition products if the requirements, storage conditions and handling are considered.

## 11 : TOXICOLOGICAL INFORMATION

### **11.1. Information on toxicological**

Our blend has not been the subject of toxicological tests but is composed of substances with toxicological bibliography.

- Acute toxicity :

The substances taken into account in determining the potential toxicological dangers are listed in Section 3.

- Corrosion/skin irritation : Refer to section 3.2.

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- Serious eye damage/eye irritation : Refer to section 3.2.
- Respiratory or skin sensitization : Refer to section 3.2.
- Germ cell mutagenicity : Refer to section 3.2.
- Carcinogenic : Refer to section 3.2.
- Reproductive toxicity : Refer to section 3.2.
- Specific toxicity for certain target organs (single exposure) : Refer to section 3.2.
- Specific toxicity for certain target organs (repeated exposure) : Refer to section 3.2.
- Aspiration hazard : Refer to section 3.2.

## 12 : ECOLOGICAL INFORMATION

### 12.1. Toxicity

Data not available.

### 12.2. Persistence and degradability

Data not available.

### 12.3. Bioaccumulative potential

Data not available.

### 12.4. Mobility in soil

Data not available.

### 12.5. Results of PBT and vPvB assessment

Data not available.

### 12.6. Other adverse effects

Avoid release to the environment.

## 13 : DISPOSAL RECOMMENDATIONS

### 13.1. Waste treatment methods

- Product Disposal: Do not flush with household garbage.  
Avoid release to the environment.  
Dispose in accordance with current regulations in force.
- Packaging Disposal: Reuse not recommended. Dispose according to official regulations.

## 14 : TRANSPORT INFORMATION

ADR:



IMDG:



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IATA:



**14.1. UN number**

ADR : 1197 ( (D/E) )  
IMDG:1197  
IATA :1197

**14.2. UN proper shipping name**

ADR : EXTRACTS, FLAVOURING, LIQUID  
IMDG:EXTRACTS, FLAVOURING, LIQUID  
IATA :EXTRACTS, FLAVOURING, LIQUID

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

ADR : 3  
IMDG:3  
IATA :3

**14.4. Packing group**

ADR : III  
IMDG:III  
IATA :III

**14.5. Environmental hazards**

IMDG : NO CONCERNED

**14.6. Special precautions for user**

NO CONCERNED

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

NO CONCERNED

**15 : REGULATORY INFORMATION**

The product is not concerned.

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

No restrictions under REACH.

**15.2. Chemical safety assessment**

Data not available.

**16 : OTHER INFORMATION**

This material safety data sheet has been established according to the regulations in force. In the case of blends, we do not have yet a practical guide for establishing exposure scenarios.

**Acronyms :**

- ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road
- CAS# : Chemical Abstracts Service number
- LC50 (CL50) : Lethal Concentration to 50 % of a test population
- CLP : Classification Labelling Packaging Regulation
- CO<sub>2</sub> : Carbon dioxide
- LD50 (DL50) : Lethal Dose to 50% of a test population (Median Lethal Dose)

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EC-Number : EINECS and ELINCS Number  
ATE (ETA) : Acute Toxicity Estimate  
IFRA : International FRAGRANCE Association  
IMDG : International Maritime Dangerous Goods  
INRS : National Institute for Research and Security  
IOFI : International Organization of Food Industry  
IATA : International Air Transport Association  
ICAO-TI (OACI) : Technical Instructions for the Safe Transport of Dangerous Goods by Air  
PBT : Persistent, Bioaccumulative and Toxic substance  
REACH : Registration, Evaluation, Authorization of Chemicals  
Ext-SDS (SE) : Extended Safety Data Sheet (SDS with ES attached)  
TLV (VLEP) : Threshold limit value  
VLCT : Valeurs Limites à Court Terme  
STEL : Short-Term Exposure Limit  
VME : Valeurs Limites de Moyenne d'Exposition  
vPvB : Very Persistent and Very Bioaccumulative

### References, data sources :

IFRA/IOFI Labelling Manual 2019  
Suppliers data

### Classification of the blend :

The methodology used for the classification of a blend is a method by calculation.

### List of H and P phrases according to Regulation (EC) No 1272/2008 :

H319 Causes serious eye irritation.

H226 Flammable liquid and vapour.

EUH208 Contains . May produce an allergic reaction. :

1-(2,6,6-Trimethylcyclohexa-1,3-dienyl)-2-buten-1-one (Damascenone), Turpentine oil

P501 Dispose of contents/container to ...

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): Take off immediately all contaminated clothing.

Rinse skin with water/shower.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

*These indications are based on the current state of our knowledge and describe the product only for the purposes of health, safety and the environment. However, they do not constitute a guarantee as for the properties of the product and do not give place to a contractual legal report.*

### Revision :