

S SYSTEM MANGUE DELICE

SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2020/878)

SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name : S SYSTEM MANGUE DELICE

Product code : 10871

2. Relevant identified uses of the substance or mixture and uses advised

againt concentrated perfume composition free from alcohol.

For industrial and professional use only.

Use: Perfumes, cosmetics and detergents.

1.3. Details of the supplier of the safety data sheet

Registered company name :IPC

10 Quai Malbert, 29200, BREST, FRANCE.

Tel. : +33 (0)2 98 43 45 44. Fax : +33 (0)2 98 44 22 53

ipc@groupe-ipc.com

1.4. Emergency telephone number : +33 (0)1 45 42 59 59.

Association/Organisation : INRS / ORFILA <http://www.centres-antipoison.net>.

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

May produce an allergic reaction (EUH208).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

2.2. Label elements

In compliance with EC regulation No. 1272/2008 and its amendments.

Additional labeling :

|        |  |
|--------|--|
| EUH208 | Contains GERANYL ACETATE. May produce an allergic reaction.  |
| EUH208 | Contains ETHYL METHYLPHENYLGLYCIDATE. May produce an allergic reaction.  |
| EUH208 | Contains CIS-4-(ISOPROPYL)CYCLOHEXANEMETHANOL. May produce an allergic reaction.                                     |
| EUH208 | Contains METHYL CINNAMATE. May produce an allergic reaction.   |
| EUH208 | Contains [1.ALPHA.(E),2.BETA.]1-(2,6,6-TRIMETHYL-3-CYCLOHEXEN-1-YL)-2-BUTEN-1-ONE. May produce an allergic reaction. |
| EUH210 | Safety data sheet available on request.  |

Hazard statements :

2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC)  $\geq 0.1\%$  published by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

The mixture does not contain substances  $\geq 0.1\%$  with endocrine disrupting properties in accordance with the criteria of the Delegated Regulation (EU) 2017/2100 of the Commission or Regulation (EU) 2018/605 of the Commission.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Composition :

| Identification | Classification (EC) 1272/2008 | Note | % |
|----------------|-------------------------------|------|---|
|----------------|-------------------------------|------|---|

## S SYSTEM MANGUE DELICE

|   |   |     |                |
|---|---|-----|----------------|
| CAS: 34590-94-8<br>EC: 252-104-2<br>REACH: 01-2119450011-60-XXXX<br>DIPROPYLENE GLYCOL MONOMETHYL ETHER       |   | [1] | 80 <= x% < 90  |
| CAS: 100-86-7<br>EC: 202-896-0<br>ALPHA,ALPHA-DIMETHYLPHENETHYL ALCOHOL                                       | GHS07<br>Wng<br>Acute Tox. 4, H302<br>Eye Irrit. 2, H319<br>Aquatic Chronic 3, H412   |     | 1 <= x % < 2.5 |
| CAS: 8000-41-7<br>EC: 232-268-1<br>REACH: 01-2119553062-49-XXXX<br>TERPINEOL                                  | GHS07<br>Wng<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319   |     | 1 <= x % < 2.5 |
| CAS: 105-87-3<br>EC: 203-341-5<br>REACH: 01-2119973480-35-XXXX<br>GERANYL ACETATE                             | GHS07<br>Wng<br>Skin Irrit. 2, H315<br>Skin Sens. 1B, H317<br>Aquatic Chronic 3, H412   |     | 0.1 <= x % < 1 |
| CAS: 77-83-8<br>EC: 201-061-8<br>REACH: 01-2119967770-28-XXXX<br>ETHYL METHYLPHENYLGLYCIDATE                  | GHS07, GHS09<br>Wng<br>Skin Sens. 1B, H317<br>Aquatic Chronic 2, H411   |     | 0.1 <= x % < 1 |
| CAS: 13828-37-0<br>EC: 237-539-8<br>REACH: 01-2119983532-32-XXXX<br>CIS-4-(ISOPROPYL)CYCLOHEXANEMETHANOL      | GHS07<br>Wng<br>Skin Irrit. 2, H315<br>Skin Sens. 1B, H317  |     | 0.1 <= x % < 1 |
| CAS: 103-26-4<br>EC: 203-093-8<br>REACH: 01-2119979458-16-XXXX<br>METHYL CINNAMATE                            | GHS07<br>Wng<br>Skin Sens. 1B, H317   |     | 0.1 <= x % < 1 |
| CAS: 71048-82-3<br>EC: 275-156-8<br>[1.ALPHA.(E),2.BETA.]-1-(2,6,6-TRIMETHYL-3-CYCLOHEXEN-1-YL)-2-BUTEN-1-ONE | GHS07, GHS09<br>Wng<br>Acute Tox. 4, H302<br>Skin Irrit. 2, H315<br>Skin Sens. 1A, H317<br>Aquatic Acute 1, H400<br>M Acute = 1<br>Aquatic Chronic 1, H410<br>M Chronic = 1 |     | 0 >= x % < 0.1 |

## Specific concentration limits:

| Identification   | Specific concentration limits | ATE                       |
|--|-------------------------------|---------------------------|
| CAS: 100-86-7<br>EC: 202-896-0<br>ALPHA,ALPHA-DIMETHYLPHENETHYL ALCOHOL            |                               | oral: ATE = 1280 mg/kg BW |
| CAS: 8000-41-7<br>EC: 232-268-1<br>REACH: 01-2119553062-49-XXXX<br>TERPINEOL       |                               | oral: ATE = 4300 mg/kg BW |
| CAS: 103-26-4<br>EC: 203-093-8<br>REACH: 01-2119979458-16-XXXX<br>METHYL CINNAMATE |                               | oral: ATE = 2610 mg/kg BW |
| CAS: 71048-82-3<br>EC: 275-156-8   |                               | oral: ATE = 1400 mg/kg BW |

## S SYSTEM MANGUE DELICE

|   |  |  |
|---|--|--|
| [1.ALPHA.(E),2.BETA.]-1-(2,6,6-TRIMETHYL-3-CYCLOHEXEN-1-YL)-2-BUTEN-1-ONE |  |  |
|---|--|--|

### Information on ingredients :

(Full text of H-phrases: see section 16)

[1] Substance for which maximum workplace exposure limits are available.

## SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

### 4.1. description of first aid measures

#### In the event of exposure by inhalation :

In the event of an allergic reaction, seek medical attention.

#### In the event of splashes or contact with skin :

In the event of an allergic reaction, seek medical attention.

#### In the event of swallowing :

Seek medical attention, showing the label.

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

No data available.

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

No data available.

## SECTION 5 : FIREFIGHTING MEASURES

Non-flammable.

### 5.1. Extinguishing media

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

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)

- carbon dioxide (CO<sub>2</sub>)

### 5.3. Advice for firefighters

No data available.

## SECTION 6 : ACCIDENTAL RELEASE MEASURES

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

Consult the safety measures listed under headings 7 and 8.

#### For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

### 6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

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

Clean preferably with a detergent, do not use solvents.

### 6.4. Reference to other sections

No data available.

## SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

### 7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

**S SYSTEM MANGUE DELICE**

**Fire prevention :**

Prevent access by unauthorised personnel.

**Recommended equipment and procedures :**

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

**Prohibited equipment and procedures :**

No smoking, eating or drinking in areas where the mixture is used.

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

No data available.

**Packaging**

Always keep in packaging made of an identical material to the original.

**7.3. Specific end use(s)**

No data available.

**SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1. Control parameters**

**Occupational exposure limits :**

- European Union (2022/431, 2019/1831, 2017/2398, 2017/164, 2009/161, 2006/15/CE, 2000/39/CE, 98/24/CE) :

| CAS        | VME-mg/m3 | VME-ppm | VLE-mg/m3 | VLE-ppm | Notes |
|------------|-----------|---------|-----------|---------|-------|
| 34590-94-8 | 308       | 50      | -         | -       | Peau  |

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

| CAS        | TWA     | STEL    | Ceiling | Definition | Criteria |
|------------|---------|---------|---------|------------|----------|
| 34590-94-8 | 100 ppm | 150 ppm |         | Skin       |          |

- France (INRS - Outils 65 / 2021-1849, 2021-1763, decree of 09/12/2021) :

| CAS        | VME-ppm | VME-mg/m3 | VLE-ppm | VLE-mg/m3 | Notes | TMP No |
|------------|---------|-----------|---------|-----------|-------|--------|
| 34590-94-8 | 50      | 308       | -       | -         | *     | 84     |

- UK / WEL (Workplace exposure limits, EH40/2005, Fourth Edition 2020) :

| CAS        | TWA    | STEL                  | Ceiling | Definition | Criteria |
|------------|--------|-----------------------|---------|------------|----------|
| 34590-94-8 | 50 ppm | 308 mg/m <sup>3</sup> |         | Sk         |          |

**8.2. Exposure controls**

**Personal protection measures, such as personal protective equipment**

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :



Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

**- Eye / face protection**

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles in accordance with standard EN166.

**- Hand protection**

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN ISO 374-1.

Gloves must be selected according to the application and duration of use at the workstation.

**S SYSTEM MANGUE DELICE**

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of gloves recommended :

- Natural latex
- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))
- PVC (polyvinyl chloride)
- Butyl Rubber (Isobutylene-isoprene copolymer)

**- Body protection**

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

**SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES**

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

**Physical state**

Physical state : Fluid liquid.

**Colour**

Color: COLORLESS

**Odour**

Odour threshold : Not stated.

Odour: FRUITY EDIBLE

**Melting point**

Melting point/melting range : Not relevant.

**Freezing point**

Freezing point / Freezing range : Not stated.

**Boiling point or initial boiling point and boiling range**

Boiling point/boiling range : Not relevant.

**Flammability**

Flammability (solid, gas) : Not stated.

**Lower and upper explosion limit**

Explosive properties, lower explosivity limit (%) : Not stated.

Explosive properties, upper explosivity limit (%) : Not stated.

**Flash point**

Flash Point Interval :  $60^{\circ}\text{C} < \text{FP} \leq 93^{\circ}\text{C}$

**Auto-ignition temperature**

Self-ignition temperature : Not relevant.

**Decomposition temperature**

Decomposition point/decomposition range : Not relevant.

**pH**

pH (aqueous solution) : Not stated.

pH : Not relevant.

**Kinematic viscosity**

Viscosity : Not stated.

Viscosity:  $v < 7 \text{ mm}^2/\text{s} (40^{\circ}\text{C})$

**Solubility**

Water solubility : Insoluble.

## S SYSTEM MANGUE DELICE

|  |                           |
|--|---------------------------|
| Fat solubility :   | Not stated.               |
| <b>Partition coefficient n-octanol/water (log value)</b>         |                           |
| Partition coefficient: n-octanol/water :                         | Not stated.               |
| <b>Vapour pressure</b>   |                           |
| Vapour pressure (50°C) :   | Below 110 kPa (1.10 bar). |
| <b>Density and/or relative density</b>                           |                           |
| Density :  | 0.9486/0.9686@20°C        |
| <b>Relative vapour density</b>                                   |                           |
| Vapour density :   | Not stated.               |
| <b>9.2. Other information</b>                                    |                           |
| Index of refraction :  | 1.4243/1.4343@20°C        |
| % VOC :  | 1.1624                    |
| <b>9.2.1. Information with regard to physical hazard classes</b> |                           |
| No data available.   |                           |
| <b>9.2.2. Other safety characteristics</b>                       |                           |
| No data available.   |                           |

## SECTION 10 : STABILITY AND REACTIVITY

|   |   |
|---|---|
| <b>10.1. Reactivity</b>                         | No data available.  |
| <b>10.2. Chemical stability</b>                 | This mixture is stable under the recommended handling and storage conditions in section 7.                    |
| <b>10.3. Possibility of hazardous reactions</b> | No data available.  |
| <b>10.4. Conditions to avoid</b>                | Avoid :<br>- frost  |
| <b>10.5. Incompatible materials</b>             | No data available.  |
| <b>10.6. Hazardous decomposition products</b>   | The thermal decomposition may release/form :<br>- carbon monoxide (CO)<br>- carbon dioxide (CO <sub>2</sub> ) |

## SECTION 11 : TOXICOLOGICAL INFORMATION

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

|   |                                  |
|---|----------------------------------|
| No data available.  |                                  |
| <b>11.1.1. Substances</b>   |                                  |
| <b>Acute toxicity :</b>   |                                  |
| [1.ALPHA.(E),2.BETA.]-1-(2,6,6-TRIMETHYL-3-CYCLOHEXEN-1-YL)-2-BUTEN-1-ONE (CAS: 71048-82-3) |                                  |
| Oral route :  | LD50 = 1400 mg/kg bodyweight/day |
| METHYL CINNAMATE (CAS: 103-26-4)  |                                  |
| Oral route :  | LD50 = 2610 mg/kg bodyweight/day |
| TERPINEOL (CAS: 8000-41-7)  |                                  |
| Oral route :  | LD50 = 4300 mg/kg bodyweight/day |
| ALPHA,ALPHA-DIMETHYLPHENETHYL ALCOHOL (CAS: 100-86-7)                                       |                                  |

## S SYSTEM MANGUE DELICE

Oral route :

LD50 = 1280 mg/kg bodyweight/day

### 11.1.2. Mixture

#### Respiratory or skin sensitisation :

Contains at least one sensitising substance. May cause an allergic reaction.

### 11.2. Information on other hazards

#### Monograph(s) from the IARC (International Agency for Research on Cancer) :

CAS 5989-27-5 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

CAS 128-37-0 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

CAS 140-11-4 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

## SECTION 12 : ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### 12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

### 12.2. Persistence and degradability

No data available.

### 12.3. Bioaccumulative potential

No data available.

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

No data available.

### 12.6. Endocrine disrupting properties

No data available.

### 12.7. Other adverse effects

No data available.

#### German regulations concerning the classification of hazards for water (WGK, AwSV Annex I, KBws) :

WGK 2 : Hazardous for water.

## SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

### 13.1. Waste treatment methods

Do not pour into drains or waterways.

#### Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

#### Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

## SECTION 14 : TRANSPORT INFORMATION

Exempt from transport classification and labelling.

### 14.1. UN number or ID number

-

### 14.2. UN proper shipping name

-

### 14.3. Transport hazard class(es)

-

### 14.4. Packing group

## S SYSTEM MANGUE DELICE

### 14.5. Environmental hazards

-

### 14.6. Special precautions for user

-

### 14.7. Maritime transport in bulk according to IMO instruments

-

## SECTION 15: Regulatory information

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

#### Classification and labelling information included in section 2:

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2022/692 (ATP 18)

#### Container information:

No data available.

#### Restrictions applied under Title VIII of Regulation (EC) No. 1907/2006 (REACH):

The mixture does not contain any substance restricted under Annex XVII of Regulation (EC) No. 1907/2006 (REACH): <https://echa.europa.eu/substances-restricted-under-reach>.

#### Explosives precursors :

The mixture does not contain any substance subject to Regulation (EU) 2019/1148 on the marketing and use of explosives precursors.

#### Particular provisions :

No data available.

#### German regulations concerning the classification of hazards for water (WGK, AwSV Annex I, KBws) :

WGK 2 : Hazardous for water.

### 15.2. Chemical safety assessment

No data available.

## SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

#### Wording of the phrases mentioned in section 3 :

|      |   |
|------|---|
| H302 | Harmful if swallowed.                                 |
| H315 | Causes skin irritation.                               |
| H317 | May cause an allergic skin reaction.                  |
| H319 | Causes serious eye irritation.                        |
| 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.      |
| H412 | Harmful to aquatic life with long lasting effects.    |

#### Abbreviations and acronyms :

LD50 : The dose of a test substance resulting in 50% lethality in a given time period.

REACH : Registration, Evaluation, Authorization and Restriction of Chemical Substances.

ATE : Acute Toxicity Estimate

BW : Body Weight

STEL : Short-term exposure limit

TWA : Time Weighted Averages

TMP : French Occupational Illness table



**S SYSTEM MANGUE DELICE**

TLV : Threshold Limit Value (exposure)

AEV : Average Exposure Value.

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

WGK : Wassergefährdungsklasse (Water Hazard Class).

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.