

# Safety Data Sheet

section

**1**

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

### 1.1 Product identifier

Trade name/designation : Orange liquid dye for candles  
Article No (user) : 2620390.  
UFI : NDD0-2057-E00P-3K1S

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

Relevant identified uses : Professional uses: Public domain (administration, education, entertainment, services, artisans) Dye for coloring wax blends.  
Uses advised against : No data available.

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

Supplier : **Name:** LAB SAS  
**Street:** 1 rue de la clef des champs  
**Postal code/City:** 68600 Volgelsheim  
**Country:** France :  
**Telephone:** 0389227765  
**E-mail:** Office@labsys.fr

### 1.4 Emergency Telephone Number

#### United Kingdom:

+35625454030 +35 (0) 31 837 9964 (medical professionals) +35 (0) 31 809 2166 (public) In England and Wales: dial 111 (NHS 111), In Scotland: dial 111 (NHS 24), In Northern Ireland: Contact your local GP or pharmacist during normal hours. During GP Out-of-Hours ([www.gpoutofhours.hscni.net/](http://www.gpoutofhours.hscni.net/)): Belfast HSC Trust, (North & West) 028 9074 4447, (South & East) 028 9079 6220 South Eastern HSC Trust, (North Down & Ards) 028 9182 2344, (Lisburn & Downpatrick) 028 9260 2204, Dalriada Urgent Care (Northern Trust area) 028 2566 3500, Southern HSC Trust 028 3839 9201, Western Urgent Care 028 7186 5195.

section

**2**

## Hazards identification

### 2.1 Classification of the substance or mixture

Classification according to the regulation (EC) n°1272/2008 (CLP) and its amendments

#### Hazards identification:

H315 Skin Irrit. 2 Causes skin irritation.  
H319 Eye Irrit. 2 Causes serious eye irritation

### 2.2 Label elements

Label elements according to the regulation (EC) n°1272/2008 (CLP) and its amendments

#### Labelling

#### Hazard pictograms



#### Signal word

Warning

## Hazard Statements

H315 Causes skin irritation.  
H319 Causes serious eye irritation

## Precautionary Statements - Prevention

P264 Wash thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.

## Precautionary Statements - Response

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 use a vegetable oil to rinse the skin or mucous membranes  
P332+P313 If skin irritation 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.

## 2.3 Other hazards

According to Regulation (EU) 1907/2006, no substances are assessed as PBT or vPvB.  
According to Regulation (EU) 2017/2100 or Regulation (EU) 2018/605, no substances are known to have endocrine disrupting properties.

section  
**3**

## Composition/information on ingredients

## 3.2 Mixtures

In accordance with the product knowledge, no nanomaterials have been identified.  
The mixture does not contain any substances classified as Substances of Very High Concern (SVHC) by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>.

Substance	Concentration (%)	Specific concentration limits	Classification
<b>1-(2,4-dimethylphenylazo)-2-naphthol</b>			
CAS N°	3118-97-6	10.0% ≤ C < 20.0%	H315 Skin Irrit. 2
EC N°	221-490-4		H319 Eye Irrit. 2
IDX N°			H335 STOT SE 3 H335
Registration number	17566		

## Remark

Text phrases and H- EUH-: see section 16.

section  
**4**

## First aid measures

### 4.1 Description of first aid measures

#### General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Remove victim out of the danger area.

Keep affected person warm, still and covered.

Do not leave affected person unattended.

#### Following inhalation:

Remove person to fresh air and keep comfortable for breathing.

#### Following skin contact:

Wash with soap and water.  
 Change contaminated, saturated clothing.  
 Take off contaminated clothing.  
 In case of skin irritation, consult a physician.

**Following eye contact:**

In case of eye irritation consult an ophthalmologist.  
 Rinse immediately carefully and thoroughly with eye-bath or water.  
 Remove contact lenses, if present and easy to do. Continue rinsing.  
 Protect unharmed eye.

**Following ingestion:**

Never give anything by mouth to an unconscious person or a person with cramps.  
 IF SWALLOWED: Rinse mouth.  
 Do NOT induce vomiting.

**Self-protection of the first aider:**

First aider: Pay attention to self-protection!

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

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

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

**Notes for the doctor:**

Treat symptomatically.

section <b>5</b>	<b>Firefighting measures</b>
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**5.1 Extinguishing media**

**Suitable extinguishing media:**

Foam.  
 Extinguishing powder.  
 Carbon dioxide (CO<sub>2</sub>).  
 Sand.

**Unsuitable extinguishing media:**

Strong water jet.

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

Formation of toxic gases is possible during heating or in case of fire.

**5.3 Advice for firefighters**

Wear a self-contained breathing apparatus and chemical protective clothing.

**Additional information**

Do not inhale vapors and fumes.  
 Co-ordinate fire-fighting measures to the fire surroundings.  
 Move undamaged containers from immediate hazard area if it can be done safely.  
 Use caution when applying carbon dioxide in confined spaces. carbon dioxide can displace oxygen.  
 Use water spray jet to protect personnel and to cool endangered containers.  
 Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

section <b>6</b>	<b>Accidental release measures</b>
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**6.1 Personal precautions, protective equipment and emergency procedures**

Use personal protection equipment.  
 Remove persons to safety.

**6.2 Environmental precautions**

Ensure that waste is collected and contained.

Contain leaks or spills within cabinets with removable trays.

## 6.3 Methods and material for containment and cleaning up

Treat the recovered material as prescribed in the section on waste disposal.

Collect in closed and suitable containers for disposal.

Clean contaminated objects and areas thoroughly observing environmental regulations.

Absorb with liquid-binding material ( e.g. sand, diatomaceous earth, acid- or universal binding agents).

Wipe up with absorbent material (eg. cloth, fleece).

## 6.4 Reference to other sections

Safe handling: see section 7.

Disposal: see section 13.

Personal protection equipment: see section 8.

### Additional information

Not available

<b>section</b> <b>7</b>	<b>Handling and Storage</b>
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## 7.1 Precautions for safe handling

Apply a hand protection cream before handling the product.

### **PROTECTIVE MEASURES:**

Avoid contact with skin, eyes and clothes.

Wear personal protective clothing (see section 8).

Sewers and ducts must be protected against the entry of the product.

Avoid breathing gas/fumes/vapour/spray.

### **Advices on general occupational hygiene:**

Wash hands before breaks and after work.

Wash contaminated clothing before reuse.

Remove contaminated, saturated clothing immediately.

### **In the immediate working surroundings there must be:**

Provide eye shower and label its location conspicuously.

## 7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry, cool, and well-ventilated place.

Keep container in upright position in order to prevent leakage.

### **Advice on joint storage:**

Keep away from food, drink and animal feedingstuffs.

Keep away from high heat. Oxidizer.

## 7.3 Specific end uses

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

<b>section</b> <b>8</b>	<b>Exposure controls/personal protection</b>
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## 8.1 Control parameters

### **Occupational exposure limits:**

Does not contain substances above concentration limits fixing an occupational exposure limit.

### **Biological limit values:**

Not available

### **Exposure limits at intended use:**

Not available

### **Remark:**

Not available

## 8.2 Exposure controls

### Appropriate engineering controls:

Technical measures and the application of suitable work processes have priority over personal protection equipment.

### Individual protection measures, such as personal protective equipment:



#### Eye/face protection

- : **Suitable eye protection:**  
Wear eye protection equipment.
- Recommended eye protection articles:**  
Eye glasses.

#### Skin protection

- : **Hand protection:**  
**Suitable gloves type:**  
Wear protective gloves.  
**Suitable material:**  
NBR (nitrile rubber).  
**Additional hand protection measures:**  
Do not wear gloves near machines and rotating tools.  
Use gloves only once.  
**Remark:**  
When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits.  
The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.  
For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.  
Breakthrough times and swelling properties of the material must be taken into consideration.
- Body protection:**  
**Suitable protective clothing:**  
Lab coat.
- : **Suitable respiratory protection apparatus:**  
No data available.

#### Respiratory protection

### Environmental exposure controls:

Not available

### Consumer exposure controls:

Not available

### Additional information

Not available

## Physical and chemical Properties

### 9.1 Information on basic physical and chemical properties

Physical state	:	Liquid
Colour	:	Orange
Odour	:	Caracteristique
pH	:	Not available
Melting point/freezing point	:	Not available
Initial boiling point and boiling range	:	210°C
Flash point	:	88°C
Flammability	:	Not available

Upper/lower flammability or explosive limits	:	Not available
Vapour pressure	:	Not available
Vapour density	:	Not available
Relative density	:	0.97
Solubility(ies)	:	Soluble
Partition coefficient n-octanol/water (log value)	:	Not applicable
Auto-ignition temperature	:	Not available
Decomposition temperature	:	Not available
Dynamic viscosity	:	Not applicable
Kinematic viscosity	:	Not available
Oxidising properties	:	Non Explosive According To Eu A.14.
Oxidising properties	:	Not available
Solubility in other Solvents	:	Not available
Particle characteristics	:	Not applicable

## 9.2 Other safety information

### Information concerning to the classes of physical hazards

Not available

### Other security characteristics

Not available

section <b>10</b>	<b>Stability and Reactivity</b>
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### 10.1 Reactivity

No data available.

### 10.2 Chemical stability

The product is stable when stored at normal ambient temperatures.

### 10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

### 10.4 Conditions to avoid

No data available.

### 10.5 Incompatible materials

No data available.

### 10.6 Hazardous decomposition products

Does not decompose when used for intended uses.

### Additional information

Not available

section <b>11</b>	<b>Toxicological information</b>
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### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute oral toxicity:

The product is not classified.

#### **Substances:**

Not available

#### Acute dermal toxicity:

The product is not classified.

#### **Substances:**

Not available

**Acute inhalation toxicity:**

The product is not classified.

**Substances:**

Not available

**Skin corrosion/irritation:**

The product is not classified.

**Substances:**

Not available

**Serious eye damage/irritation:**

The product is classified Eye Irrit. 2 according to the referenced regulation.

Causes serious eye irritation.

**Substances:**

Not available

**Skin sensitisation:**

The product is not classified.

**Substances:**

Not available

**Specific target organ toxicity (repeated exposure):**

The product is not classified.

**Substances:**

Not available

**Specific target organ toxicity (single exposure):**

The product is not classified.

**Substances:**

Not available

**Carcinogenicity:**

The product is not classified.

**Substances:**

Not available

**Reproductive toxicity:**

The product is not classified.

**Substances:**

Not available

**Germ cell mutagenicity:**

The product is not classified.

**Substances:**

Not available

**Sensitisation to the respiratory tract:**

The product is not classified.

**Substances:**

Not available

**Additional information:**

Not available

**11.2 Information on other hazards**

**Endocrine disrupting properties:**

According to Regulation (EU) 2017/2100 or Regulation (EU) 2018/605, no substances are known to have endocrine disrupting properties.

section	12	Ecological information
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**12.1 Toxicity**

Based on available data, the classification criteria are not met.

**Substances:**

Not available

**12.2 Persistence and degradability**

The product has not been tested.

**Substances:**

Not available

**12.3 Bioaccumulative potential**

The product has not been tested.

**Substances:**

Not available

**12.4 Mobility in soil**

The product has not been tested.

**Substances:**

Not available

**12.5 Results of PBT and vPvB assessment**

According to Regulation (EU) 1907/2006, no substances are assessed as PBT or vPvB.

**12.6 Endocrine disrupting properties**

According to Regulation (EU) 2017/2100 or Regulation (EU) 2018/605, no substances are known to have endocrine disrupting properties.

**12.7 Other adverse effects**

Not available

**Additional ecotoxicological information**

Not available

section	13	Disposal considerations
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**13.1 Waste treatment methods**

**Product/Packaging disposal:**

**Waste codes/waste designations according to EWC/AVV:**

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

**Waste treatment options:**

**Appropriate disposal/Product:**

Waste requiring special supervision.

Dispose of waste according to applicable legislation.

Delivery to an approved waste disposal company.

**Appropriate disposal/Package:**

Non-contaminated packages must be recycled or disposed of.

Contaminated packing must be completely emptied and can be reused after proper cleaning.

Packing which cannot be properly cleaned must be disposed of.

Handle contaminated packages in the same way as the substance itself.

Dispose of waste according to applicable legislation.

**Remark:**

For recycling, contact manufacturer.

Collect the waste separately.

Consult the appropriate authorities about waste disposal.

Do not mix with other wastes.

The waste is to be kept separate from other types of waste until its disposal.

Concerning the waste it has to be checked, whether a transport authorisation is required.

**Additional information**

Not available



section **14** **Transport information**

**14.1 UN number**

Not available

**14.2 UN proper shipping name**

Not available

**14.3 Transport hazard class(es)**

Not available

**14.4 Packing group**

Not available

**14.5 Environmental hazards**

Not available

**14.6 Special precautions for user**

Not available

**14.7 Bulk shipping according to IMO instruments**

Not available

**Additional information**

Not available

section **15** **Regulatory information**

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

This SDS has been established in accordance with REACH regulation, including its amendments: REACH Regulation (EC) No 1907/2006.

This SDS has been established in accordance with CLP regulation, including its amendments: CLP Regulation EC No. 1272/2008.

**National regulations:**

**Cosmetic Ingredient Hotlist:**

Substance	CAS	EC
1-(2,4-dimethylphenylazo)-2-naphthol	3118-97-6	221-490-4

**U.S. - NY - RTK:**

Substance	CAS	EC
1-(2,4-dimethylphenylazo)-2-naphthol	3118-97-6	221-490-4

**15.2 Chemical Safety Assessment**

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

**Additional information**

Not available

section **16** **Other information**

**Indication of changes**

Not applicable (first edition of the MSDS).

## **Abbreviations and acronyms**

CAS: Chemical Abstract Service Number.

IATA: International Air Transport Association.

IMDG: International Maritime Dangerous Goods Code.

DPD Dangerous Preparation Directive.

UN number: United Nations number.

No EC: European Commission Number.

ADN/ADNR: Regulations concerning the transport of dangerous substances in barges on the waterways.

ADR/RID: European Agreement concerning the International Carriage of Dangerous Goods by Road/Regulations concerning the international carriage of dangerous goods by rail.

CLP: Classification, labeling and packaging.

VPvB: very persistent and very bioaccumulative substances.

## **Key literature references and sources for data**

No data available.

## **Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]**

Complies with ATP 18, Regulation (EU) n°2022/692.

Classification of the mixture is in accordance with the evaluation method described in Regulation (EC) No 1272/2008.

## **Relevant R-, H- and EUH-phrases (Number and full text)**

H315	Skin Irrit. 2	Causes skin irritation.
H319	Eye Irrit. 2	Causes serious eye irritation
H335	STOT SE 3 H335	May cause respiratory irritation

## **Training advice**

Refer to Sections 4, 5, 6, 7 and 8 of this safety data sheet.

## **Additional information**

Creation date: 11/09/2024

Version date: 11/09/2024

Printing date: 11/09/2024

The information given in this Safety Data Sheet is based on our present knowledge and on European and national regulations. This Safety Data Sheet describes safety requirements relative to identified uses, it doesn't guarantee all the product properties particularly in the case of non identified uses. The product mustn't be used for any uses other than those identified under heading 1. Since the user's working conditions are not known by us, it is the responsibility of the user to take all necessary measures to comply with legal requirements for specific uses and avoid negative health effects.