



**LE COMPTOIR DU MICA**

49 Allée du manoir  
76160, Roncherolles-sur-le-vivier  
France  
contact@lecomptoirdumica.fr

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Date of issue : 29.12.2023 – Version : EU\_EN/2 – Print date : February 2024

## Material Safety Data Sheet

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### Product Identifier

Trade name : Orange Magique CDM-1071

Relevant identified uses of the substance

or mixture and uses advised against : colouring agent

Uses advised against : not known

Details of the supplier of the safety  
data sheet

Distributor: LE COMPTOIR DU MICA

### 2. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture Product definition : Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS] : not classified

#### 2.2 Label elements

Hazard pictograms : not classified

Signal word : not applicable.

Hazard statements : not applicable.

#### Precautionary statements

Prevention : not applicable.

Response : not applicable.

Storage : Not applicable.

Disposal : Not applicable.

Special packaging requirements : Not applicable.

#### 2.3 Other hazards

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

Other hazards which do not result in classification : None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical family : mica - titanium oxide- tin oxide- iron oxide. Contains no hazardous ingredients

| Common chemical name | CAS No.    | EINECS No. | Colour Index | Chemical composition | Classification | Specific Conc. Limits, M-factors and ATEs |
|----------------------|------------|------------|--------------|----------------------|----------------|-------------------------------------------|
| Mica                 | 12001-26-2 | 310-127-6  | 77019        | 55-60                | Not classified | -                                         |



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|                  |            |           |       |       |                |   |
|------------------|------------|-----------|-------|-------|----------------|---|
| Titanium dioxide | 13463-67-7 | 236-675-5 | 77891 | 40-44 | Not classified | - |
| Tin oxide        | 18282-10-5 | 242-159-0 | 77861 | 0-1   | Not classified | - |
| Iron oxide       | 1309-37-1  | 215-168-2 | 77491 | 0-1   | Not classified | - |

There are no additional ingredients present which, within the current knowledge and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

#### 4. FIRST AID MEASURES

##### Description of first aid measures

Inhalation: in case of accident by inhalation : remove causality to fresh air and keep at rest  
Skin contact : wash affected skin with plenty of water  
Eye contact : if contact with eyes directly, flush with gently flowing fresh water thoroughly; If eye irritation persists, get medical advice/attention  
Ingestion : if ingested, wash out mouth with water, drink milk or egg white  
Notes to physician : no special measures are required

##### Most important systems and effects,

Both acute and delayed  
Actue : none  
Long term (repeated) : may cause irritation to the respiratory system. Cough. Increased difficulty in breathing

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

Recommended :a. Chest XRay  
b. Lung functionality tests

#### 5. FIREFIGHTING MEASURES

##### Extinguishing media

Suitable extinguishing media : extinguish with waterspray, foam or dry chemical  
Unsuitable extinguishing media : carbon dioxide

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

Thermal hazards : noncombustible. None anticipated  
Advice for firefighters : fire fighters should wear complete protective clothing including selfcontained breathing apparatus

#### 6. ACCIDENTAL RELEASE MEASURES

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

Personal precautions : do not breathe dust  
Personal protection equipment : wear appropriate personal protective equipment, avoid direct contact



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In case of emergency : a self contained breathing apparatus and suitable protective clothing should be worn in fire conditions

Environmental precautions : do not allow to enter drains, sewers or watercourses

Methods and material for

Containment and cleaning up : collect mechanically and dispose of according to Section 13. Use vacuum equipment for collecting spilt materials, where practicable

Reference to other sections : see sections 8 and 13

#### 7. HANDLING AND STORAGE

Precautions for safe handling : avoid breathing dust

Conditions for safe storage

including any incompatibilities : keep container in a wellventilated place

Specific end use(s) : not known

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters : provide adequate ventilation when using the material and follow the principles of good occupational hygiene to control personal exposures

Exposure limit values : not known

##### Exposure controls

Appropriate engineering controls : provide adequate ventilation to ensure that the occupational exposure limit is not exceeded. Isolate the dispersive process step away from other operations. This can be achieved by local exhaust ventilation or general ventilation

##### Individual protections measures, such as personal protective equipment(PPE)

Hand/eye/face protection : wear gloves, eye protection and an approved dust mask if dust is generated during handling. Goggles giving complete protection to eyes. Dust mask covering nose and mouth

Skin protection : apron or other light protective clothing, boots and plastic or synthetic rubber

gloves Respiratory protection : dust mask covering nose and mouth

Thermal hazards : none

Environmental exposure controls : avoid dust generation. Avoid accumulation of dust

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : powder

Colour : Orange Magique

Odour : odourless

pH : 6.0-9.0 (4% H<sub>2</sub>O)

Boiling point, ° C : not applicable

Melting point, ° C : decomposes

Freezing point, ° C : not applicable

Density : 3.2-3.3 kg/L



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Bulk density : 31-35 g/100ml  
 Vapour pressure : not applicable  
 Solubility (in water) : insoluble  
 Particle size : 10-60µm

**10. STABILITY AND REACTIVITY**

Reactivity : there may be violent or incandescent reaction of the product with metals at high temperatures (e.g., aluminium; calcium; magnesium; potassium; sodium; zinc; lithium)  
 Chemical stability : stable under normal conditions  
 Possibility of hazardous reactions : none  
 Conditions to avoid : high temperature  
 Incompatible materials : strongly acidic, strongly alkaline, oxidizing agents  
 Decomposition products : no information available

**11. TOXICOLOGICAL INFORMATION**

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008  
 There are no data available on the mixture itself. Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]. See Sections 2 and 3 for details.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.  
 Coating powders can cause localized skin irritation in folds of the skin or under tight

clothing. Acute toxicity :No data available

Acute toxicity estimates

|                      | Route | ATE value         |
|----------------------|-------|-------------------|
| Oral                 |       | No data available |
| Inhalation ( vapors) |       | No data available |

Irritation/Corrosion :No data available  
 Sensitization :No data available  
 Mutagenicity :No data available  
 Carcinogenicity :No data available  
 Reproductive toxicity :No data available  
 Teratogenicity :No data available

Specific target organ toxicity (single exposure)



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| Product/ingredient name | Category | Route of exposure | Target organs |
|-------------------------|----------|-------------------|---------------|
| No data available       |          |                   |               |

Specific target organ toxicity (repeated exposure)

| Product/ingredient name | Category | Route of exposure | Target organs |
|-------------------------|----------|-------------------|---------------|
| No data available       |          |                   |               |

Aspiration hazard

| Product/ingredient name | Result |
|-------------------------|--------|
| No data available       |        |

11.2 Information on other hazards

Endocrine disrupting properties :Not available.

Other information :Not available.

**12. ECOLOGICAL INFORMATION**

12.1 Toxicity

There are no data available on the mixture itself.

Coating powder residues should not be allowed to enter drains or watercourses or be deposited where they could affect ground or surface waters.

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

No data available

12.2 Persistence and degradability

| Product/ingredient name | Test | Result | Dose | Inoculum |
|-------------------------|------|--------|------|----------|
| No data available       |      |        |      |          |

Conclusion/Summary : Not available.

| Product/ingredient name | Aquatic half-life | Photolysis | Biodegradability |
|-------------------------|-------------------|------------|------------------|
| No data available       |                   |            |                  |

12.3 Bioaccumulative potential

| Product/ingredient name | LogPow | BCF | Potential |
|-------------------------|--------|-----|-----------|
| No data available       |        |     |           |



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12.4 Mobility in soil

Soil/water partition : Not available.

coefficient (K<sub>oc</sub>)

Mobility : Not available.

12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6 Endocrine disrupting properties

This mixture does not contain any substances that are assessed as having endocrine disrupting properties

12.7 Other adverse effects

No known significant effects or critical hazards.

**13. DISPOSAL CONSIDERATIONS**

Waste treatment methods : dispose of contents in accordance with local, state or national legislation

**14. TRANSPORT INFORMATION**

Not classed as dangerous for transport.

| International Transport Regulations                                     | ADR/RID                    | ADN            | IMDG           | ICAO/IATA      |
|-------------------------------------------------------------------------|----------------------------|----------------|----------------|----------------|
| UN number                                                               | Not applicable             | Not applicable | Not applicable | Not applicable |
| Proper shipping name                                                    | Not applicable             | Not applicable | Not applicable | Not applicable |
| Transport hazard class(es)                                              | Not applicable             | Not applicable | Not applicable | Not applicable |
| Packing group                                                           | Not applicable             | Not applicable | Not applicable | Not applicable |
| Environmental hazards                                                   | None                       | None           | None           | None           |
| Special precautions for user                                            | None                       | None           | None           | None           |
| Transport in bulk according to Annex II of MARPOL73/78 and The IBC Code | Not applicable             | Not applicable | Not applicable | Not applicable |
| Hazard label(s)                                                         | Not applicable             |                |                |                |
| Additional information                                                  | Custom tariff No. 32061900 |                |                |                |

Special precautions for user : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Maritime transport in bulk according to IMO instruments : Not applicable.

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.



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People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

#### 15. REGULATORY INFORMATION

According to Directive 67/548/EEC &  
Directive 1999/45/EC : not classified as dangerous for supply/use  
Safety, health and environmental  
regulations/legislations specific for the  
substance or mixture :not available

#### 16. OTHER INFORMATION

Annex to the extended Safety Data Sheet (eSDS)  
ADR : European Agreement concerning international carriage of Dangerous goods by  
Road CAS : Chemical Abstracts Service  
EC : European Community  
ICAO : International Civil Aviation Organization  
IMDG : International Maritime Dangerous Goods  
IATA : International Air Transport Association

#### DATA SOURCES

NPIRI Raw Material Handbook, Volume 4, Pigments, Second Edition, 2001  
Book on "Safe Handling of Pigments", European Edition 1995, BCMA, EPSOM ETAD, VdMi  
HSDB  
NIOSH ICSC  
Hazardous Substance Fact Sheet, New Jersey Department of Health and Senior Service

We have described our product concerning possible safety requirements by the abovementioned information given to the best of our knowledge and experience. All data given are never meant to guarantee any quality description nor product properties