

Phénołphtaléine**SP-T-ORG****Danger****SECTION 1. Identification of the substance/mixture and of the company/undertaking**

Ref. n° : 105 054
Trade name : Phénołphtaléine.
Company identification : JEULIN
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Use : laboratory use

SECTION 2. Hazards identification

Classification EC 67/548 or EC 1999/45 : Carc. Cat. 2; R45
Muta. Cat. 3; R68
Repr. Cat. 3; R62
Repr. Cat. 3; R62

Globally Harmonized System of Classification and Labelling of Chemicals (GHS)**Hazard Class and Category Code**

• Health hazards : Germ cell mutagenicity - Category 2 - Warning (CLP : Muta. 2)
Carcinogenicity - Category 1B - Danger (CLP : Carc. 1B)
Reproductive toxicity - Fertility - Category 2 - Warning (CLP : Repr. 2)

Label elements

• Hazard pictograms



• Signal words : Danger
• Hazard statements : H350 : May cause cancer.
H341 : Suspected of causing genetic defects.
H361f : Suspected of damaging fertility.
• Precautionary statements : P102 : Keep out of reach of children. P201 : Obtain special instructions before use.
- General : P281 : Use personal protective equipment as required.
- Prevention : P308+P313 : IF exposed or concerned: Get medical advice/attention.
- Response : P405 : Store locked up.
- Storage



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SECTION 3. Composition/information on ingredients

This product is considered to be hazardous and contains hazardous components.

| Substance name | Value(s) | CAS nr | EC | EC index | REACH | CERTIFICATE |
|-----------------|------------|---------|-----------|--------------|-------|--|
| Phenolphthalein | : 100 ca % | 77-09-8 | 201-004-7 | 604-076-00-1 | ---- | Carc. Cat. 2; R45 Muta. Cat. 3; R68 Repr. Cat. 3; R62 ----- Carc. 1B (H350) Muta. 2 (H341) Repr. 2 (H361F) |

SECTION 4. First aid measures

- Inhalation : If breathing is difficult, give oxygen.
If you feel unwell, seek medical advice.
Assure fresh air breathing.
If not breathing, give artificial respiration.
- Skin contact : Wash skin thoroughly with mild soap and water.
Remove contaminated clothing and shoes.
- Eye contact : Rinse immediately with plenty of water.
Contact ophthalmologist immediately.
- Ingestion : If swallowed, rinse mouth with water (only if the person is conscious).
Seek medical attention immediately.

SECTION 5. Fire-fighting measures

- Extinguishing media**
- Suitable : Use extinguishing media appropriate for surrounding fire.
Water.
Carbon dioxide.
Powder.
Foam.
- Special exposure hazards** : Combustible. Under fire conditions, hazardous fumes will be present.
- Protection against fire** : Do not enter fire area without proper protective equipment, including respiratory protection.
- Special procedures** : Avoid (reject) fire-fighting water to enter environment.

SECTION 6. Accidental release measures

- Environmental precautions** : Prevent entry to sewers and public waters.
- After spillage and/or leakage** : Sweep up dry powder and dispose properly.
Flush/dilute residue with water.
Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
- For emergency responders** : Evacuate and limit access.
Wear recommended personal protective equipment.
- Technical measures** : **Avoid dust production.**
: Ventilate area.

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SECTION 7. Handling and storage

- General** : **Restrict access to authorized personnel.**
- Precautions in handling and storage** : Local exhaust and general ventilation must be adequate to meet exposure standards.
- Handling** : Wear suitable protective clothing.
Avoid raising powdered materials into airborne dust.
Avoid all unnecessary exposure.
Do not breathe dust.
- Storage** : Close container tightly after use.
Store in dry, cool, well-ventilated area.
Keep away from heat. (+15°C / +25°C)

SECTION 8. Exposure controls/personal protection

- Personal protection** : Avoid all unnecessary exposure.
- Respiratory protection** : In case of insufficient ventilation, wear suitable respiratory equipment.
Where exposure through inhalation may occur from use, approved respiratory protection equipment is recommended.
- Hand protection** : Wear suitable gloves resistant to chemical penetration.
- Skin protection** : Wear suitable protective clothing.
- Eye protection** : Chemical goggles or safety glasses.
- Others** : Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.
Use good housekeeping practices to avoid rendering dust airborne.
Local exhaust is recommended where dust may occur.

SECTION 9. Physical and chemical properties

- Physical state** : Powder.
- Colour** : White.
- Odour** : No data available.
- pH value** : Not applicable.
- Melting point [°C]** : No data available.
- Initial boiling point [°C]** : No data available.
- Density** : No data available.
- Vapour pressure [hPa]** : No data available.
- Flash point [°C]** : Not applicable.
- Auto-ignition temperature [°C]** : Not applicable.
- Explosion limits** : Not applicable.
- Explosion limits - lower [%]** : Not applicable.
- Explosion limits - upper [%]** : Not applicable.
- Log P octanol / water at 20°C** : No data available.

SECTION 10. Stability and reactivity

- Conditions to avoid** : None under normal conditions.
- Materials to avoid** : Strong oxidizers.
- Hazardous decomposition products** : May liberate toxic gases.
- Hazardous Polymerization** : Will not occur.
- Hazardous properties** : None under normal conditions.



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SECTION 11. Toxicological information

Acute toxicity

- Inhalation : May be harmful if inhaled.
May be irritating to respiratory system.
- Dermal : May be irritating to skin.
- Ocular : May be irritating to eyes.
- Ingestion : May be harmful if swallowed.

Chronic toxicity

Carcinogenicity : May cause cancer. Carcinogen category : 1B (règlement (CE) n°1272/2008).
IARC (International Agency for Research on Cancer). Group 2B : Possibly carcinogenic to humans.

Mutagenicity : Suspected of causing genetic defects. Mutagen category : 2 (Règlement (CE) n°1272/2008)

Reproductive toxicity : Suspected of damaging fertility. Toxic for reproduction category : 2 (Règlement (CE) n°1272/2008).

Other toxicological information : To our knowledge, the toxicological properties have not been extensively researched. Other toxic properties can not be excluded. Observe all precautions for handling chemicals.

SECTION 12. Ecological information

Ecological effects information : Avoid release to the environment.
No data available.

Bioaccumulative potential : No data available.

Information on elimination : **Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.**

SECTION 13. Disposal considerations

Disposal : Dispose of this material and its container at hazardous or special waste collection point. Containers, or internal liners coming from a container, having contained this product are also considered as hazardous wastes. Do not re-use empty container. Dispose in a safe manner in accordance with local/national regulations.

Waste-disposal procedures : **Do not empty into drains.**
Refer to the MSDS before handling or disposing.

SECTION 14. Transport information

Unregulated.

SECTION 15. Regulatory information

Other : None.

SECTION 16. Other information

R Phrase(s) : R45 : May cause cancer.
R68 : Possible risks of irreversible effects.
R62 : Possible risk of impaired fertility.

The contents and format of this MSDS are in accordance with Regulation (EC) N°1907/2006.

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product is used as a component in another product, this MSDS information may not be applicable.

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Règlement CE 1907/2006