

CHAITANYA CHS, 2nd FLOOR, OFFICE # 206, SIDDHARTH NAGAR, S.V.ROAD, GOREGAON (W), MUMBAI 400062, MH, INDIA.
CONTACT: +9122 28725393 /94/ 95 | EMAILID: CARE@SUVCHEM.COM

MATERIAL SAFETY DATA SHEET (MSDS)**BORAX CARMINE (FOR MICROSCOPY)****1. Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Trade name : BORAX CARMINE (FOR MICROSCOPY)

Product code : B0046000100

Identification of the product : CARMINE for Miscroscopy C.I.No.75470
CAS No :1390-65-4

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

Use : Industrial. For professional use only.

1.3. Details of the supplier of the safety data sheet**Company identification**

SUVCHEM
Chaitanya Tower, 2nd Floor, Office # 206,
Siddharth Nagar, S.V. Road,
Goregaon (West), Mumbai - 400062,
Maharashtra, India.
Contact: +91 22 28725393 / 94 / 95
Email ID: info@suvchem.com/care@suvchem.com

1.4. Emergency telephone number

Phone no. : + 91 22 28725393 / 94 / 95 (9:00am - 6:00 pm) [Office hours]

2. Hazards identification -DSD**2.1. Classification of the substance or mixture****Classification EC 67/548 or EC 1999/45**

Not classified.

Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)

Not classified.

Health hazards

: Reproductive toxicity - Fertility - Category 1A - Danger (CLP : Repr. 1A) H360
Reproductive toxicity - Unborn Child - Category 1A - Danger (CLP : Repr. 1A)
H360
Reproductive toxicity - Fertility - Category 1B - Danger (CLP : Repr. 1B) H360
Reproductive toxicity - Unborn Child - Category 1B - Danger (CLP : Repr. 1B)
H360

2.2. Label elements

MATERIAL SAFETY DATA SHEET (MSDS)
BORAX CARMINE (FOR MICROSCOPY)
2. Hazards identification -DSD (continued)
Labelling EC 67/548 or EC 1999/45

Not classified.

S Phrase(s) : S22 : Do not breathe dust.
 S24/25 : Avoid contact with skin and eyes.

Contains : CARMINE for Microscopy C.I.No.75470

Labelling Regulation EC 1272/2008 (CLP)

Not classified.

Signal words : Danger

Hazard statements : H360D: May damage the unborn child.
 H360F : May damage fertility.

Precautionary statements

- **General** : P201: Obtain special instructions before use.
- **Prevention** : P281: Use personal protective equipment as required.
- **Response** : P308+P313: If exposed or concerned : get medical advice.
- **Storage** : P405: Store locked up.
- **Disposal considerations** : P501: Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Special labelling : Restricted to professional users. (Substances which appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008)

Contains : CARMINE for Microscopy C.I.No.75470

2.3. Other hazards

Other hazards : The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

3. Composition/information on ingredients

Substance / Preparation : CARMINE for Microscopy C.I.No.75470
 CAS No :1390-65-4
 Substance.

Hazardous component(s) : This product is not hazardous but contains hazardous components.

| Substance name | Contents | CAS No | EC No | Annex No | REACH Ref. | Classification |
|---|----------|-----------|-------|----------|------------|---|
| CARMINE for Microscopy C.I.No. : 75470 | 100 % | 1390-65-4 | ---- | ---- | ---- | Not classified (DSD/DPD) ----- Not classified (GHS) |

Contains no other components or impurities which will influence the classification of the product.

MATERIAL SAFETY DATA SHEET (MSDS)

BORAX CARMINE (FOR MICROSCOPY)

4. First aid measures

4.1. Description of first aid measures

| | |
|---------------------|---|
| Inhalation | : Assure fresh air breathing. Allow the victim to rest. Immediately call a POISON CENTER or doctor. Remove to fresh air and keep at rest in a position comfortable for breathing. |
| Skin contact | : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Remove/Take off immediately all contaminated clothing. Wash with plenty of soap and water. Immediately call a POISON CENTER or doctor. |
| Eye contact | : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor. |
| Ingestion | : Obtain emergency medical attention. Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor. |

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

| | |
|---------------------------------|---|
| Symptoms relating to use | : May damage the unborn child. Causes severe skin burns and eye damage. May damage fertility. |
|---------------------------------|---|

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

| | |
|----------------------------|--|
| General information | : Never give anything by mouth to an unconscious person. P308+P313: If exposed or concerned : get medical advice. If you feel unwell, seek medical advice (show the label where possible). If exposed or concerned : get medical advice. |
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5. Fire-fighting measures

5.1. Extinguishing media

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|---------------------------------------|--|
| Suitable extinguishing media | : Foam. Dry powder. Carbon dioxide. Water spray. Sand. |
| Unsuitable extinguishing media | : Do not use a heavy water stream. |
| Surrounding fires | : Use water spray or fog for cooling exposed containers. |

5.2. Special hazards arising from the substance or mixture

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|--------------------------------------|---|
| Hazardous combustion products | : Under fire conditions, hazardous fumes will be present. Thermal decomposition generates : Corrosive vapours. |
|--------------------------------------|---|

5.3. Advice for fire-fighters

MATERIAL SAFETY DATA SHEET (MSDS)

BORAX CARMINE (FOR MICROSCOPY)

5. Fire-fighting measures (continued)

- Protection against fire** : Do not enter fire area without proper protective equipment, including respiratory protection.
- Special procedures** : Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- For emergency responders** : Equip cleanup crew with proper protection. Ventilate area.
- For non-emergency personnel** : Evacuate unnecessary personnel.

6.2. Environmental precautions

- Environmental precautions** : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

- Clean up methods** : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Store away from other materials. Collect spillage.

6.4. Reference to other sections

See section 8. Exposure controls/personal protection

7. Handling and storage

7.1. Precautions for safe handling

- Handling** : Obtain special instructions before use. Do not breathe dust, fume, gas, mist, vapours, spray. Avoid contact during pregnancy or while nursing. Wash thoroughly after handling.
- Technical protective measures** : Provide good ventilation in process area to prevent formation of vapour.

7.2. Conditions for safe storage, including any incompatibilities

- Storage** : Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.
- Storage regulation** : Comply with applicable regulations.
- Storage - away from** : Strong bases. Strong acids. Sources of ignition. Direct sunlight.

7.3. Specific end use(s)

MATERIAL SAFETY DATA SHEET (MSDS)
BORAX CARMINE (FOR MICROSCOPY)
7. Handling and storage (continued)

Specific end use(s) : None.

8. Exposure controls/personal protection
8.1. Exposure controls
Personal protection


Personal protection : Avoid all unnecessary exposure.
 • Respiratory protection : Wear approved mask.
 • Hand protection : Wear protective gloves.
 • Skin protection : Wear suitable protective clothing.
 • Eye protection : Chemical goggles or face shield.
 • Others : When using, do not eat, drink or smoke.

8.2. Control parameters

Occupational Exposure Limits : No data available.

9. Physical and chemical properties
9.1. Information on basic physical and chemical properties

Physical state at 20 °C : Liquid.
 Colour : Colorless
 Odour : Characteristic.
 Odour threshold : No data available.
 pH value : No data available.
 Melting point [°C] : No data available.
 Decomposition point [°C] : N/A
 Critical temperature [°C] : No data available.
 Auto-ignition temperature [°C] : No data available.
 Flammability (solid, gas) : N/A
 Flash point [°C] : No data available.
 Boiling point [°C] : N/A
 Initial boiling point [°C] : No data available.
 Final boiling point [°C] : No data available.

MATERIAL SAFETY DATA SHEET (MSDS)
BORAX CARMINE (FOR MICROSCOPY)
9. Physical and chemical properties (continued)

| | |
|--|----------------------|
| Evaporation rate | : N/A |
| Vapour pressure [20°C] | : No data available. |
| Vapour pressure mm/Hg | : N/A |
| Vapour density | : N/A |
| Density [g/cm ³] | : 0,967 |
| Relative density, gas (air=1) | : N/A |
| Relative density, liquid (water=1) | : N/A |
| Solubility in water [% weight] | : Soluble in water |
| Solubility in water | : No data available. |
| Log Pow octanol / water at 20°C | : No data available. |
| Solubility | : N/A |
| Viscosity at 40°C [mm ² /s] | : No data available. |

9.2. Other information

| | |
|------------------------------|----------------------|
| Explosive properties | : N/A |
| Explosion limits - upper [%] | : No data available. |
| Explosion limits - lower [%] | : No data available. |
| Oxidising properties | : No data available. |

10. Stability and reactivity
10.1. Reactivity

| | |
|------------|--------------------|
| Reactivity | : Not established. |
|------------|--------------------|

10.2. Chemical stability

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|--------------------|--|
| Chemical stability | : Stable under recommended storage conditions. |
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10.3. Possibility of hazardous reactions

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|---------------------|--------------------|
| Hazardous reactions | : Not established. |
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10.4. Conditions to avoid

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| Conditions to avoid | : Direct sunlight. Extremely high or low temperatures. |
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10.5. Incompatible materials

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| Materials to avoid | : Strong acids. Strong bases. |
|--------------------|-------------------------------|

10.6. Hazardous decomposition products

MATERIAL SAFETY DATA SHEET (MSDS)
BORAX CARMINE (FOR MICROSCOPY)
10. Stability and reactivity (continued)

Hazardous decomposition products : Fumes. Carbon monoxide. Carbon dioxide.
 Thermal decomposition generates : Corrosive vapours.

11. Toxicological information
11.1. Information on toxicological effects
Acute toxicity

- **Inhalation** : Based on available data, the classification criteria are not met.
- **Dermal** : Based on available data, the classification criteria are not met.
- **Ingestion** : Based on available data, the classification criteria are not met.

Corrosion

: Causes severe skin burns and eye damage.

Irritation

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

Sensitization

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

Mutagenicity

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

Carcinogenicity

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

Toxic for reproduction

: May damage the unborn child.
 May damage fertility.

STOT-single exposure

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

STOT-repeated exposure

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

Aspiration hazard

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

12. Ecological information
12.1. Toxicity

Toxicity information : Not established.

12.2. Persistence - degradability

Persistence - degradability : Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential : Not established.

12.4. Mobility in soil

Mobility in soil : Not established.

12.5. Results of PBT and vPvB assessment

MATERIAL SAFETY DATA SHEET (MSDS)
BORAX CARMINE (FOR MICROSCOPY)
12. Ecological information (continued)

Results of PBT and vPvB assessment : The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

12.6. Other adverse effects

Environmental precautions : Avoid release to the environment.

13. Disposal considerations
13.1. Waste treatment methods

General : Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.
 Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

14. Transport information
14.1. Land transport (ADR-RID)

General information : Not regulated.

14.2. Sea transport (IMDG) [English only]

General information : Not regulated.

14.3. Air transport (ICAO-IATA) [English only]

General information : Not regulated.

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

Safety, health and environmental regulations/legislation specific for the substance or mixture : Ensure all national/local regulations are observed.

REACH Restrictions - Annex XVII : The components of this product are not subject to restrictions. Annex XVII

REACH Authorisation - Annex XIV : The components of this product are not subject to authorization.

15.2. Chemical Safety Assessment

MATERIAL SAFETY DATA SHEET (MSDS)

BORAX CARMINE (FOR MICROSCOPY)

In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation (CE) N° 1272/2008

DISCLAIMER:

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