

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)

BALSAM CANDIA (SYNTHETIC)

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name : BALSAM CANDIA (SYNTHETIC)

Product code : SI0300500100
CAS No: 8007-47-4

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

Classification : Repr. Cat. 2; R61-62
Xn; R20/21
Xi; R38

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

Health hazards : Reproductive toxicity - Unborn Child - Category 1A - Danger (CLP : Repr. 1A) H360
Reproductive toxicity - Fertility - Category 2 - Warning (CLP : Repr. 2) H361
Specific Target Organ Toxicity - Single exposure - Respiratory tract irritation -
Category 3 - Warning (CLP : STOT SE 3) H335
Acute toxicity, Inhalation - Category 4 - Warning (CLP : Acute Tox. 4) H332
Skin irritation - Category 2 - Warning (CLP : Skin Corr. 2) H315
Acute toxicity, dermal - Category 4 - Warning (CLP : Acute Tox. 4) H312

2.2. Label elements

MATERIAL SAFETY DATA SHEET (MSDS)

BALSAM CANDIA (SYNTHETIC)

2. Hazards identification -DSD (continued)

Labelling EC 67/548 or EC 1999/45

Symbol(s)



Symbol(s)

: T : Toxic

R Phrase(s)

: R20/21 : Harmful by inhalation and in contact with skin.
R38 : Irritating to skin.
R61 : May cause harm to the unborn child.
R62 : Possible risk of impaired fertility.

S Phrase(s)

: S4 : Keep away from living quarters.
S24 : Avoid contact with skin.
S28 : After contact with skin, wash immediately with
S35 : This material and its container must be disposed of in a safe way.
S36/37 : Wear suitable protective clothing and gloves.
S38 : In case of insufficient ventilation, wear suitable respiratory equipment.
S45 : In case of accident or if you feel unwell, seek medical advice immediately (show the label when possible).
S53 : Avoid exposure - obtain special instructions before use.
S59 : Refer to manufacturer/supplier for information on recovery/recycling.

Contains

: Xylene - Dibutyl phthalate

Labelling Regulation EC 1272/2008 (CLP)

Hazard pictograms



Signal words

: Danger

Hazard statements

: H360D: May damage the unborn child.
H361f : Suspected of damaging fertility.
H312 : Harmful in contact with skin.
H315 : Causes skin irritation.
H332 : Harmful if inhaled.
H335 : May cause respiratory irritation.

Precautionary statements

• General

: P201: Obtain special instructions before use.

• Prevention

: P280: Wear protective gloves, protective clothing, eye protection, face protection.
P271: Use only outdoors or in a well-ventilated area.
P261: Avoid breathing dust, fume, gas, mist, vapours, spray.
P264: Wash thoroughly after handling.

• Response

: P302+P352: IF ON SKIN : Wash with plenty of soap and water.
P308+P313: If exposed or concerned : get medical advice.
P332+P313: If skin irritation occurs : Get medical advice.
P304+P340: IF INHALED : Remove to fresh air and keep at rest in a position

MATERIAL SAFETY DATA SHEET (MSDS)

BALSAM CANDA (SYNTHETIC)

2. Hazards identification -DSD (continued)

- comfortable for breathing.
P363: Wash contaminated clothing before reuse.
- **Storage** : P403+P233: Store in well-ventilated place. Keep container tightly closed.
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** : Xylene - Dibutyl phthalate
- 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** : Preparation.
Hazardous component(s) : This product is hazardous.

Substance name	Contents	CAS No	EC No	Annex No	REACH Ref.	Classification
Xylene	> 50 < 75 %	1330-20-7	215-535-7	601-022-00-9	----	R10 Xn; R20/21 Xi; R38 ----- Flam. Liq. 3 _ H226 Acute Tox. 4 (skin) _ H312 Acute Tox. 4 (inhal) _ H332 Skin Irrit. 2 _ H315 STOT SE 3 _ H335
Dibutyl phthalate	> 5 < 10 %	84-74-2	201-557-4	607-318-00-4	----	Repr. Cat. 2; R61 Repr. Cat. 3; R62 N; R50 ----- Repr. 1B _ H360D Repr. 2 _ H361f Aquatic Acute 1 _ H400

4. First aid measures

4.1. Description of first aid measures

- Inhalation** : Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.
- Skin contact** : Immediately call a POISON CENTER or doctor. Get medical advice. Remove/Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. Specific treatment (see on this label). If skin irritation or rash occurs : Wash with plenty of soap and water.
- Eye contact** : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

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BALSAM CANDIA (SYNTHETIC)
4. First aid measures (continued)

Ingestion : Obtain emergency medical attention. Do NOT induce vomiting. Rinse mouth.

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

Symptoms relating to use : May damage the unborn child.
 Repeated exposure to this material can result in absorption through skin causing significant health hazard.
 Suspected of damaging fertility.
 Causes skin irritation.
 May cause an allergic skin reaction. May cause respiratory irritation.
 Danger of serious damage to health by prolonged exposure through inhalation.

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

General information : Never give anything by mouth to an unconscious person.
 If exposed or concerned : get medical advice.

5. Fire-fighting measures
5.1. Extinguishing media

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

Hazardous combustion products : Under fire conditions, hazardous fumes will be present.

5.3. Advice for fire-fighters

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.
Technical measures : Use special care to avoid static electric charges.

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BALSAM CANDIA (SYNTHETIC)
6. Accidental release measures (continued)

- Special precautions** : Remove ignition sources. No naked lights. No smoking.
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.
 Avoid release to the environment.

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. Collect spillage. Store away from other materials.

6.4. Reference to other sections

See section 8. Exposure controls/personal protection

7. Handling and storage
7.1. Precautions for safe handling

- Handling** : Handle empty containers with care because residual vapours are flammable. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Avoid breathing dust, fume, gas, mist, vapours, spray. Obtain special instructions before use. Take precautionary measures against static discharge.
- Technical protective measures** : Provide good ventilation in process area to prevent formation of vapour. Proper grounding procedures to avoid static electricity should be followed. Use only non-sparking tools. Use explosion-proof electrical, ventilating, lighting, ..., equipment.
- Special precautions** : No naked lights. No smoking. Avoid breathing dust, fume, gas, mist, vapours, spray.

7.2. Conditions for safe storage, including any incompatibilities

- Storage** : Keep only in the original container in a cool, well ventilated place. Keep in fireproof place. Ground/bond container and receiving equipment. Keep container tightly closed.
- Storage - away from** : Strong bases. Strong acids. Sources of ignition. Direct sunlight. Heat sources.

7.3. Specific end use(s)

- Specific end use(s)** : None.

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BALSAM CANDA (SYNTHETIC)

8. Exposure controls/personal protection

8.1. Exposure controls

Personal protection



Personal protection

- **Respiratory protection** : Avoid all unnecessary exposure.
- **Hand protection** : In case of insufficient ventilation, wear suitable respiratory equipment.
- **Skin protection** : Wear protective gloves.
- **Eye protection** : Wear suitable protective clothing.
- **Others** : Chemical goggles or safety glasses.
- **Others** : When using, do not eat, drink or smoke.

8.2. Control parameters

Occupational Exposure Limits

: No data available.

Occupational Exposure Limits

: Xylene : ILV (EU) - 8 H - [mg/m³] : (221 Skin.)
 Xylene : ILV (EU) - 8 H - [ppm] : (50 Skin.)
 Xylene : ILV (EU) - 15 min - [mg/m³] : (442 Skin.)
 Xylene : ILV (EU) - 15 min - [ppm] : (100 Skin.)
 Xylene : HTP-värden - 8 H - [ppm] : 50
 Xylene : HTP-värden - 15min - [ppm] : 100
 Xylene : HTP-värden - 8 H - [mg/m³] : 220
 Xylene : HTP-värden - 15min - [mg/m³] : 440
 Xylene : NGV - [ppm] : 50
 Xylene : NGV - [mg/m³] : 200
 Xylene : KTV - [ppm] : 100
 Xylene : KTV - [mg/m³] : 450
 Xylene : VLA-ED [ppm] : 50
 Xylene : VLA-ED [mg/m³] : 221
 Xylene : VLA-EC [ppm] : 100
 Xylene : VLA-EC [mg/m³] : 442

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.

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BALSAM CANDIA (SYNTHETIC)
9. Physical and chemical properties (continued)

Melting point [°C]	: No data available.
Decomposition point [°C]	: No data available.
Critical temperature [°C]	: No data available.
Auto-ignition temperature [°C]	: No data available.
Flammability (solid, gas)	: Flammable liquid and vapour.
Flash point [°C]	: No data available.
Initial boiling point [°C]	: No data available.
Final boiling point [°C]	: No data available.
Evaporation rate	: No data available.
Vapour pressure [20°C]	: No data available.
Vapour density	: No data available.
Density [g/cm ³]	: No data available.
Relative density, liquid (water=1)	: No data available.
Solubility in water	: No data available.
Log Pow octanol / water at 20°C	: No data available.
Viscosity at 40°C [mm ² /s]	: No data available.

9.2. Other information

Explosive properties	: No data available.
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.
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10.2. Chemical stability

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

Hazardous reactions	: Not established.
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10.4. Conditions to avoid

Conditions to avoid	: Direct sunlight. Extremely high or low temperatures. Open flame. Overheating. Heat. Sparks.
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MATERIAL SAFETY DATA SHEET (MSDS)
BALSAM CANDIA (SYNTHETIC)
10. Stability and reactivity (continued)
10.5. Incompatible materials

Materials to avoid : Strong acids. Strong bases.

10.6. Hazardous decomposition products

Hazardous decomposition products : Fumes. Carbon monoxide. Carbon dioxide.
May release flammable gases.

11. Toxicological information
11.1. Information on toxicological effects

Toxicity information : The product has been not fully tested. The calculated risk has been done under the requirements of the EU regulations.

Acute toxicity

- **Inhalation** : Harmful if inhaled.
- **Dermal** : Harmful in contact with skin.
- **Ingestion** : Based on available data, the classification criteria are not met.

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

Irritation : Causes skin irritation.
May cause respiratory irritation.

Sensitization : May cause an allergic skin reaction.

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. Suspected of damaging 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 : The product has been not fully tested. The calculated risk has been done under the requirements of the EU regulations.
Toxic to aquatic life with long lasting effects.

12.2. Persistence - degradability

Persistence - degradability : May cause long-term adverse effects in the environment.

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BALSAM CANDIA (SYNTHETIC)

12. Ecological information (continued)

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

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.

Special precautions : Handle empty containers with care because residual vapours are flammable.

14. Transport information

14.1. Land transport (ADR-RID)

Proper shipping name : XYLENES
UN N° : 1307
H.I. nr : 30
ADR - Class : 3
Labelling - Transport : 3 : Flammable liquid.



ADR - Classification code : F1
F1

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14. Transport information (continued)

ADR - Group : III
ADR - Packing instructions : P001 R001 LP001
ADR - Limited Quantity : 5 L
ADR - Tunnel code



: D/E : Bulk or tank carriage: Passage forbidden through tunnels of category D and E. Other carriage: Passage forbidden through tunnels of category E.

14.2. Sea transport (IMDG) [English only]

Proper shipping name : XYLENES
UN N° : 1307
IMO-IMDG - Class or division : 3 : Flammable liquid.
IMO-IMDG - Packing group : III
IMO-IMDG - Packing instructions : P001 LP01
IMO-IMDG - Limited quantities : 5 L
IMO-IMDG - Marine pollution : No
EMS-Nr : F-E S-D

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

Proper shipping name : XYLENES
UN N° : 1307
IATA - Class or division : 3 : Flammable liquid.
IATA - Packing group : III
IATA - Passenger and Cargo Aircraft : ALLOWED
- Passenger and Cargo - Packing instruction : 355
- Passenger and Cargo - Maximum Quantity/Packing : 60 L
IATA - Cargo only : ALLOWED
- Cargo only - Packing instruction : 366
- Cargo only - Maximum Quantity/Packing : 220 L
IATA - Limited Quantities : 10 L
ERG-Nr : 3L

MATERIAL SAFETY DATA SHEET (MSDS) BALSAM CANDIA (SYNTHETIC)

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** : With the exception of those listed below:
The components of this product are not subject to restrictions.
• Dibutyl phthalate : Annex XVII
- REACH Authorisation - Annex XIV** : With the exception of those listed below:
The components of this product are not subject to authorization.
• Dibutyl phthalate : Annex XIV
• Dibutyl phthalate : Annex XIV

15.2. Chemical Safety Assessment

- Chemical Safety Assessment** : It has not been carried out.

16. Other information

- Revision** : Revision - See : *
- Abbreviations and acronyms** : PBT: persistent, bioaccumulative and toxic.
vPvB: very persistent and very bioaccumulative
- Sources of key data used** : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
- List of relevant R phrases (heading 3)** : R10 : Flammable.
R20/21 : Harmful by inhalation and in contact with skin.
R38 : Irritating to skin.
R50 : Very toxic to aquatic organisms.
R61 : May cause harm to the unborn child.
R62 : Possible risk of impaired fertility.
- List of full text of H-statements in section 3** : H226 : Flammable liquid and vapour.
H312 : Harmful in contact with skin.
H315 : Causes skin irritation.
H332 : Harmful if inhaled.
H335 : May cause respiratory irritation.
H360U : May damage the unborn child.
H361f : Suspected of damaging fertility.
H400 : Very toxic to aquatic life.
- Further information** : None.

MATERIAL SAFETY DATA SHEET (MSDS)

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

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- **SUVCHEM** Products are to be used as Lab Chemicals for R&D only. Not for drug, medicinal, household or other uses.
- **SUVCHEM** shall not be responsible for any damage resulting from handling or from contact with the above product.
- **SUVCHEM** provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product.

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