



# Qualikems Lifesciences Pvt. Ltd.

(Formerly known as Qualikems fine chem Pvt Ltd)

Works : Plot No. 68-69,G.I.D.C Industrial Estate,Nandesari,Vadodara-391340 (Gujarat)

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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Name : BALSAM CANADA SYNTHETIC  
CAS-No. : 8007-47-4

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

#### Relevant identified uses

Industrial/Professional use spec : Industrial  
For professional use only  
Use of the substance/mixture : Laboratory chemicals  
Reagent

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

Qualikems Lifesciences Pvt Ltd  
Works : Plot No. 68.69,G.I.D.C Industrial Estate,  
Nandesari, Vadodara-391340 (Gujarat)

### 1.4. Emergency telephone number

Emergency number : : +91-265-2841531 (9:00am - 6:30 pm) [Office hours]

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flammable liquids, Category 3 H226  
Acute toxicity (dermal), Category 4 H312  
Acute toxicity (inhal.), Category 4 H332  
Skin corrosion/irritation, Category 2 H315  
Full text of H- and EUH-statements: see section 16

#### Adverse physicochemical, human health and environmental effects

Flammable liquid and vapour. Harmful in contact with skin. Harmful if inhaled. Causes skin irritation.

### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS02

GHS07

Signal word (CLP) :

Warning

Contains :

Xylene; Dibutyl phthalate

Hazard statements (CLP) :

H226 - Flammable liquid and vapour.  
H312+H332 - Harmful in contact with skin or if inhaled.  
H315 - Causes skin irritation.

Precautionary statements (CLP) :

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.  
No smoking.

P280 - Wear protective clothing, eye protection, face protection, protective gloves.  
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing.  
Rinse skin with water .  
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

### 2.3. Other hazards

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

| Component   |                             |
|---|-----------------------------|
| Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII  | Dibutyl phthalate (84-74-2) |
| Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII | Dibutyl phthalate (84-74-2) |

The mixture contains substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

| Component   |                             |
|---|-----------------------------|
| Substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 | Dibutyl phthalate (84-74-2) |

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

| Name  | Product identifier  | %       | Classification according to Regulation (EC) No. 1272/2008 [CLP]  |
|---|---|---------|--|
| Xylene  | CAS-No.: 1330-20-7<br>EC-No.: 215-535-7<br>EC Index-No.: 601-022-00-9 | 60 – 70 | Flam. Liq. 3, H226<br>Acute Tox. 4 (Dermal), H312<br>Acute Tox. 4 (Inhalation), H332<br>Skin Irrit. 2, H315<br>STOT SE 3, H335 |
| Polystyrene   | CAS-No.: 9003-53-6<br>EC-No.: 500-008-9                               | 25 – 30 | Not classified   |
| Dibutyl phthalate<br>substance listed as REACH Candidate (Dibutyl phthalate (DBP))<br>substance listed in REACH Annex XIV (Dibutyl phthalate (DBP)) | CAS-No.: 84-74-2<br>EC-No.: 201-557-4<br>EC Index-No.: 607-318-00-4   | 5 – 7   | Repr. 1B, H360D<br>Repr. 2, H361f<br>Aquatic Acute 1, H400   |

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : IF exposed or concerned: Get medical advice/attention. Call a poison center or a doctor if you feel unwell.

|                                       |  |
|---------------------------------------|--|
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing. Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. Call a poison center or a doctor if you feel unwell.           |
| First-aid measures after skin contact | : Wash with plenty of water/.... Wash contaminated clothing before reuse. Get medical advice/attention. Rinse skin with water/shower. Take off immediately all contaminated clothing. If skin irritation occurs: Get medical advice/attention. |
| First-aid measures after eye contact  | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.   |
| First-aid measures after ingestion    | : Rinse mouth. Do not induce vomiting. Call a poison center or a doctor if you feel unwell.  |
| First-aid measures for first aider    | : First aid workers will be equipped with suitable personal protective equipment.  |

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

|                                     |   |
|-------------------------------------|---|
| Symptoms/effects                    | : Suspected of damaging fertility. May damage the unborn child.     |
| Symptoms/effects after inhalation   | : May cause respiratory irritation.                                 |
| Symptoms/effects after skin contact | : Harmful in contact with skin. Causes skin irritation. Irritation. |
| Symptoms/effects after eye contact  | : None under normal conditions.                                     |
| Symptoms/effects after ingestion    | : None under normal conditions.                                     |

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

|                                |  |
|--------------------------------|--|
| Suitable extinguishing media   | : Carbon dioxide. Dry powder. Foam. Water spray. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.               |

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

|  |  |
|--|--|
| Fire hazard                                      | : Flammable liquid and vapour.           |
| Explosion hazard                                 | : Heating may cause a fire or explosion. |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released.           |

#### 5.3. Advice for firefighters

|                                |  |
|--------------------------------|--|
| Firefighting instructions      | : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.  |
| Protection during firefighting | : Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |

### SECTION 6: Accidental release measures

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

|                  |   |
|------------------|---|
| General measures | : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage. |
|------------------|---|

##### For non-emergency personnel

|                      |   |
|----------------------|---|
| Protective equipment | : Wear recommended personal protective equipment.   |
| Emergency procedures | : Ventilate spillage area. Evacuate unnecessary personnel. No open flames, no sparks, and no smoking. Avoid contact with skin, eyes and clothing. Avoid breathing dust/fume/gas/mist/vapours/spray. |

##### For emergency responders

|                      |  |
|----------------------|--|
| Protective equipment | : Do not attempt to take action without suitable protective equipment. Use personal protective equipment as required. For further information refer to section 8: "Exposure controls/personal protection". |
| Emergency procedures | : Ventilate area. Evacuate unnecessary personnel. Stop leak if safe to do so.  |

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## 6.2. Environmental precautions

Avoid release to the environment.

## 6.3. Methods and material for containment and cleaning up

|                         |   |
|-------------------------|---|
| For containment         | : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible. |
| Methods for cleaning up | : Take up liquid spill into absorbent material. On land, sweep or shovel into suitable containers. Collect spillage. Notify authorities if product enters sewers or public waters.    |
| Other information       | : Dispose of materials or solid residues at an authorized site.   |

## 6.4. Reference to other sections

For further information refer to section 13.

# SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

|                                   |  |
|-----------------------------------|--|
| Additional hazards when processed | : Not expected to present a significant hazard under anticipated conditions of normal use.   |
| Precautions for safe handling     | : Obtain special instructions before use. Keep away from sources of ignition - No smoking. Do not breathe vapours. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Do not get in eyes, on skin, or on clothing. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. |
| Hygiene measures                  | : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.   |

## 7.2. Conditions for safe storage, including any incompatibilities

|                     |  |
|---------------------|--|
| Technical measures  | : Ground/bond container and receiving equipment.   |
| Storage conditions  | : Keep in fireproof place. Store in a well-ventilated place. Keep cool. Keep container tightly closed. |
| Packaging materials | : Store always product in container of same material as original container.                            |

## 7.3. Specific end use(s)

No additional information available

# SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

No additional information available

## 8.2. Exposure controls

### Appropriate engineering controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

### Personal protection equipment

#### Personal protective equipment:

Wear recommended personal protective equipment.

#### Personal protective equipment symbol(s):



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### Eye and face protection

**Eye protection:**

Chemical goggles or safety glasses

### Skin protection

**Skin and body protection:**

Wear a mask

**Hand protection:**

Protective gloves

### Respiratory protection

**Respiratory protection:**

Wear appropriate mask. [In case of inadequate ventilation] wear respiratory protection.

### Environmental exposure controls

**Environmental exposure controls:**

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|   |                                   |
|---|-----------------------------------|
| Physical state                                  | : Liquid                          |
| Colour  | : Colourless.                     |
| Appearance                                      | : Clear liquid.                   |
| Odour   | : characteristic.                 |
| Odour threshold                                 | : Not available                   |
| Melting point                                   | : Not applicable                  |
| Freezing point                                  | : Not available                   |
| Boiling point                                   | : Not available                   |
| Flammability                                    | : Flammable liquid and vapour.    |
| Lower explosion limit                           | : Not available                   |
| Upper explosion limit                           | : Not available                   |
| Flash point                                     | : 39 °C                           |
| Auto-ignition temperature                       | : Not available                   |
| Decomposition temperature                       | : Not available                   |
| pH  | : Not available                   |
| Viscosity, kinematic                            | : Not available                   |
| Solubility                                      | : Water: Immiscible               |
| Partition coefficient n-octanol/water (Log Kow) | : Not available                   |
| Vapour pressure                                 | : Not available                   |
| Vapour pressure at 50°C                         | : Not available                   |
| Density   | : 0.99 g/cm <sup>3</sup> at 20 °C |
| Relative density                                | : Not available                   |
| Relative vapour density at 20°C                 | : Not available                   |
| Particle characteristics                        | : Not applicable                  |

### 9.2. Other information

**Other safety characteristics**

Refractive index : 1.515 – 1.53 (20 °C, 589 nm)

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Flammable liquid and vapour.

### 10.2. Chemical stability

Stable under normal conditions.

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### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Open flame. Sparks. Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

May release flammable gases.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Harmful in contact with skin.  
Acute toxicity (inhalation) : Harmful if inhaled.

#### BALSAM CANADA SYNTHETIC (8007-47-4)

|                     |                           |
|---------------------|---------------------------|
| ATE CLP (dermal)    | 1685.049 mg/kg bodyweight |
| ATE CLP (gases)     | 4500 ppmv/4h              |
| ATE CLP (vapours)   | 11 mg/l/4h                |
| ATE CLP (dust,mist) | 1.5 mg/l/4h               |

Skin corrosion/irritation : Causes skin irritation.  
Serious eye damage/irritation : Not classified  
Respiratory or skin sensitisation : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified  
Reproductive toxicity : Not classified  
STOT-single exposure : Not classified

#### Xylene (1330-20-7)

|                      |                                   |
|----------------------|-----------------------------------|
| STOT-single exposure | May cause respiratory irritation. |
|----------------------|-----------------------------------|

STOT-repeated exposure : Not classified  
Aspiration hazard : Not classified

### 11.2. Information on other hazards

#### Endocrine disrupting properties

##### Component

|                             |  |
|-----------------------------|--|
| Dibutyl phthalate (84-74-2) | The substance is identified for having endocrine disrupting properties but there is no additional data available (see section 2.3) |
|-----------------------------|--|

#### Other information

Potential adverse human health effects and symptoms : Harmful in contact with skin.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term (acute) : Not classified  
 Hazardous to the aquatic environment, long-term (chronic) : Not classified

## 12.2. Persistence and degradability

| BALSAM CANADA SYNTHETIC (8007-47-4) |                    |
|-------------------------------------|--------------------|
| Persistence and degradability       | Rapidly degradable |
| Xylene (1330-20-7)                  |                    |
| Persistence and degradability       | Rapidly degradable |
| Dibutyl phthalate (84-74-2)         |                    |
| Persistence and degradability       | Rapidly degradable |
| Polystyrene (9003-53-6)             |                    |
| Persistence and degradability       | Rapidly degradable |

## 12.3. Bioaccumulative potential

No additional information available

## 12.4. Mobility in soil

No additional information available

## 12.5. Results of PBT and vPvB assessment

| Component   |                             |
|---|-----------------------------|
| Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII  | Dibutyl phthalate (84-74-2) |
| Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII | Dibutyl phthalate (84-74-2) |

## 12.6. Endocrine disrupting properties

| Component                   |  |
|-----------------------------|--|
| Dibutyl phthalate (84-74-2) | The substance is identified for having endocrine disrupting properties but there is no additional data available (see section 2.3) |

## 12.7. Other adverse effects

No additional information available

# SECTION 13: Disposal considerations

## 13.1. Waste treatment methods

Regional waste regulation : Disposal must be done according to official regulations.  
 Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.  
 Sewage disposal recommendations : Disposal must be done according to official regulations.  
 Product/Packaging disposal recommendations : Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. Disposal must be done according to official regulations.  
 Additional information : Flammable vapours may accumulate in the container. Do not re-use empty containers.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

### 14.1. UN number or ID number

|               |           |
|---------------|-----------|
| UN-No. (ADR)  | : UN 1307 |
| UN-No. (IMDG) | : UN 1307 |
| UN-No. (IATA) | : UN 1307 |
| UN-No. (ADN)  | : UN 1307 |
| UN-No. (RID)  | : UN 1307 |

### 14.2. UN proper shipping name

|                                       |                                       |
|---------------------------------------|---------------------------------------|
| Proper Shipping Name (ADR)            | : XYLENES                             |
| Proper Shipping Name (IMDG)           | : XYLENES                             |
| Proper Shipping Name (IATA)           | : Xylenes                             |
| Proper Shipping Name (ADN)            | : XYLENES                             |
| Proper Shipping Name (RID)            | : XYLENES                             |
| Transport document description (ADR)  | : UN 1307 XYLENES, 3, III, (D/E)      |
| Transport document description (IMDG) | : UN 1307 XYLENES, 3, III (23°C c.c.) |
| Transport document description (IATA) | : UN 1307 Xylenes, 3, III             |
| Transport document description (ADN)  | : UN 1307 XYLENES, 3, III             |
| Transport document description (RID)  | : UN 1307 XYLENES, 3, III             |

### 14.3. Transport hazard class(es)

#### ADR

|                                  |     |
|----------------------------------|-----|
| Transport hazard class(es) (ADR) | : 3 |
| Danger labels (ADR)              | : 3 |



#### IMDG

|                                   |     |
|-----------------------------------|-----|
| Transport hazard class(es) (IMDG) | : 3 |
| Danger labels (IMDG)              | : 3 |



#### IATA

|                                   |     |
|-----------------------------------|-----|
| Transport hazard class(es) (IATA) | : 3 |
| Danger labels (IATA)              | : 3 |



#### ADN

|                                  |     |
|----------------------------------|-----|
| Transport hazard class(es) (ADN) | : 3 |
| Danger labels (ADN)              | : 3 |



#### RID

|                                  |     |
|----------------------------------|-----|
| Transport hazard class(es) (RID) | : 3 |
|----------------------------------|-----|

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Danger labels (RID) : 3  
:



#### 14.4. Packing group

Packing group (ADR) : III  
Packing group (IMDG) : III  
Packing group (IATA) : III  
Packing group (ADN) : III  
Packing group (RID) : III

#### 14.5. Environmental hazards

Dangerous for the environment : No  
Marine pollutant : No  
EmS-No. (Fire) : F-E  
EmS-No. (Spillage) : S-D  
Other information : No supplementary information available

#### 14.6. Special precautions for user

##### Overland transport

Classification code (ADR) : F1  
Limited quantities (ADR) : 5I  
Excepted quantities (ADR) : E1  
Packing instructions (ADR) : P001, IBC03, LP01, R001  
Mixed packing provisions (ADR) : MP19  
Portable tank and bulk container instructions (ADR) : T2  
Portable tank and bulk container special provisions (ADR) : TP1  
Tank code (ADR) : LGBF  
Vehicle for tank carriage : FL  
Transport category (ADR) : 3  
Special provisions for carriage - Packages (ADR) : V12  
Special provisions for carriage - Operation (ADR) : S2  
Hazard identification number (Kemler No.) : 30  
Orange plates :



Tunnel restriction code (ADR) : D/E  
EAC code : 3Y

##### Transport by sea

Special provisions (IMDG) : 223  
Limited quantities (IMDG) : 5 L  
Excepted quantities (IMDG) : E1  
Packing instructions (IMDG) : P001, LP01  
IBC packing instructions (IMDG) : IBC03  
Tank instructions (IMDG) : T2  
Tank special provisions (IMDG) : TP1  
Stowage category (IMDG) : A  
Flash point (IMDG) : 23°C to 30°C c.c.  
Properties and observations (IMDG) : Colourless liquids. Flashpoint: 23°C to 30°C c.c. Explosive limits: 1.1% to 7%. Immiscible with water.  
MFAG-No : 130

##### Air transport

PCA Excepted quantities (IATA) : E1  
PCA Limited quantities (IATA) : Y344

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|  |        |
|--|--------|
| PCA limited quantity max net quantity (IATA) | : 10L  |
| PCA packing instructions (IATA)              | : 355  |
| PCA max net quantity (IATA)                  | : 60L  |
| CAO packing instructions (IATA)              | : 366  |
| CAO max net quantity (IATA)                  | : 220L |
| Special provisions (IATA)                    | : A3   |
| ERG code (IATA)                              | : 3L   |

#### Inland waterway transport

|                                   |             |
|-----------------------------------|-------------|
| Classification code (ADN)         | : F1        |
| Limited quantities (ADN)          | : 5 L       |
| Excepted quantities (ADN)         | : E1        |
| Carriage permitted (ADN)          | : T         |
| Equipment required (ADN)          | : PP, EX, A |
| Ventilation (ADN)                 | : VE01      |
| Number of blue cones/lights (ADN) | : 0         |

#### Rail transport

|   |                           |
|---|---------------------------|
| Classification code (RID)                                 | : F1                      |
| Limited quantities (RID)                                  | : 5L                      |
| Excepted quantities (RID)                                 | : E1                      |
| Packing instructions (RID)                                | : P001, IBC03, LP01, R001 |
| Mixed packing provisions (RID)                            | : MP19                    |
| Portable tank and bulk container instructions (RID)       | : T2                      |
| Portable tank and bulk container special provisions (RID) | : TP1                     |
| Tank codes for RID tanks (RID)                            | : LGBF                    |
| Transport category (RID)                                  | : 3                       |
| Special provisions for carriage – Packages (RID)          | : W12                     |
| Colis express (express parcels) (RID)                     | : CE4                     |
| Hazard identification number (RID)                        | : 30                      |

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

#### EU-Regulations

##### REACH Annex XVII (Restriction List)

| EU restriction list (REACH Annex XVII) |  |
|--|--|
| Reference code                         | Applicable on  |
| 3(a)                                   | BALSAM CANADA SYNTHETIC ; Xylene                     |
| 3(b)                                   | BALSAM CANADA SYNTHETIC ; Xylene ; Dibutyl phthalate |
| 3(c)                                   | Dibutyl phthalate                                    |
| 30.                                    | Dibutyl phthalate                                    |
| 40.                                    | Xylene   |
| 51(b)                                  | Dibutyl phthalate                                    |

##### REACH Annex XIV (Authorisation List)

Contains substance(s) listed on REACH Annex XIV: Dibutyl phthalate (DBP) (EC 201-557-4, CAS 84-74-2)

##### REACH Candidate List (SVHC)

Contains substance(s) listed on the REACH Candidate List in concentrations  $\geq 0.1\%$  or SCL: Dibutyl phthalate (DBP) (EC 201-557-4, CAS 84-74-2)

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#### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

#### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

#### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

#### Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

#### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

#### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

#### National regulations

##### France

| Occupational diseases |   |
|-----------------------|---|
| Code                  | Description   |
| RG 4 BIS              | Gastrointestinal disorders caused by benzene, toluene, xylenes and all products containing them   |
| RG 84                 | Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide |

##### Germany

Water hazard class (WGK) : WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1).  
Hazardous Incident Ordinance (12. BImSchV) : Is not subject to the Hazardous Incident Ordinance (12. BImSchV)

##### Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed  
SZW-lijst van mutagene stoffen : None of the components are listed  
SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed  
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : Dibutyl phthalate is listed  
SZW-lijst van reprotoxische stoffen – Ontwikkeling : Xylene, Dibutyl phthalate are listed

##### Denmark

Class for fire hazard : Class II-1  
Store unit : 5 liter  
Classification remarks : R10 <H226;H312+H332;H315>; Emergency management guidelines for the storage of flammable liquids must be followed  
Danish National Regulations : Young people below the age of 18 years are not allowed to use the product  
Pregnant/breastfeeding women working with the product must not be in direct contact with the product

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## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

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## SECTION 16: Other information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Qualikems Lifesciences Pvt. Ltd and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See [www.qualikems.com](http://www.qualikems.com) for additional terms and conditions of sale.

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