SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier
Product Name: BCzPh
Synonyms: BCzPh
Chemical Name: 9,9'-Diphenyl-9H,9'H-3,3'-bicarbazole
Chemical Formula: C36H24N2
Product code: M2119
CAS No.: 57102-62-2
EC No.: Not applicable
REACH Registration No.: Not applicable

1.2 Relevant identified uses of the substance or mixture and uses advised against
Identified Use(s): PC21 Laboratory chemicals
Uses Advised Against: Not known.

1.3 Details of the supplier of the safety data sheet
Supplier
Company Identification: Ossila Limited
Address of Supplier: Solpro Business Park
Windsor Street
Postal code: S4 7WB
Telephone: 01142999180
E-mail: info@ossila.com

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture
Regulation (EC) No. 1272/2008 (CLP)
Eye Irrit. 2: Causes serious eye irritation.
Skin Irrit. 2: Causes skin irritation.
STOT SE 3: May cause respiratory irritation.

2.2 Label elements
According to Regulation (EC) No. 1272/2008 (CLP)

Hazard Pictogram(s)
GHS07

Signal Word(s)
Warning

Hazard Statement(s)
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.

Precautionary Statement(s)
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3 Other hazards
None known.
SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

<table>
<thead>
<tr>
<th>Hazardous ingredient(s)</th>
<th>CAS No.</th>
<th>EC No.</th>
<th>%W/W</th>
<th>Hazard Statement(s)</th>
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</thead>
<tbody>
<tr>
<td>BCzPh</td>
<td>57102-62-2</td>
<td>Not applicable.</td>
<td>&lt;100%</td>
<td>Skin irrit. 2 (H315); Eye irrit. 2 (H319); STOT SE 3 (H335)</td>
</tr>
</tbody>
</table>

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

Skin Contact: Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. Specific treatment (see Medical Advice on this label).

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion: Treat symptomatically.

4.2 Most important symptoms and effects, both acute and delayed

Section 11: Most important symptoms and effects, both acute and delayed.

4.3 Indication of any immediate medical attention and special treatment needed

Specific treatment (see Medical Advice on this label). Call a POISON CENTER/doctor if you feel unwell.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing media: As appropriate for surrounding fire.

Unsuitable extinguishing media: None.

5.2 Special hazards arising from the substance or mixture

May decompose in a fire, giving off toxic and irritant vapours.

5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Avoid dust generation. Do not breathe dust. Ensure full personal protection (including respiratory protection) during removal of spillages.

6.2 Environmental precautions

Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

6.3 Methods and material for containment and cleaning up

Sweep up spilled substance and remove to safe place. Use vacuum equipment for collecting spilt materials, where practicable.

6.4 Reference to other sections

See Also Section 8, 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Wash hands and exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing
dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area.

7.2 Conditions for safe storage, including any incompatibilities
Storage temperature
Ambient.

Storage life
Stable under normal conditions.

Incompatible materials
None known.

7.3 Specific end use(s)
Laboratory chemicals.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters
8.1.1 Occupational Exposure Limits
No Occupational Exposure Limit assigned.

8.2 Exposure controls
8.2.1. Appropriate engineering controls
Ensure adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present.

8.2.2. Personal protection equipment
Eye Protection
Wear eye protection with side protection (EN166).

Skin protection
Wear protective clothing and gloves: Impervious gloves (EN 374).

Respiratory protection
Normally no personal respiratory protection is necessary.

8.2.3. Environmental Exposure Controls
Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties
Appearance
Solid off-white powder/crystals

Odour
Not known.

Odour threshold
Not known.

pH
Not known.

Melting point/freezing point
340 °C (TGA, 0.5% weight loss)

Initial boiling point and boiling range
Not applicable.

Flash Point
Not applicable.

Evaporation rate
Not known.

Flammability (solid, gas)
Not known.

Upper/lower flammability or explosive limits
Not known.

Vapour pressure
Not known.

Vapour density
Not known.

Density (g/ml)
Not known.

Relative density
Not known.

Solubility(ies)
Solubility (Water) : Not known.
Solubility (Other) : Not known.

Partition coefficient: n-octanol/water
Not known.

Auto-ignition temperature
Not known.

Decomposition Temperature (°C)
Not known.

Viscosity
Not known.

Explosive properties
Not known.

Oxidising properties
Not known.
9.2 Other information
None.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity
None anticipated.

10.2 Chemical Stability
Stable under normal conditions.

10.3 Possibility of hazardous reactions
No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid
None anticipated.

10.5 Incompatible materials
Not known.

10.6 Hazardous decomposition products
No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects
Acute toxicity - Ingestion Not classified.
Acute toxicity - Skin Contact Not classified.
Acute toxicity - Inhalation Not classified.
Skin corrosion/irritation Causes skin irritation.
Serious eye damage/irritation Causes serious eye irritation.
Skin sensitization data Not classified.
Respiratory sensitization data Not classified.
Germ cell mutagenicity Not classified.
Carcinogenicity Not classified.
Reproductive toxicity Not classified.
Lactation Not classified.
STOT - single exposure May cause respiratory irritation.
STOT - repeated exposure Not classified.
Aspiration hazard Not classified.

11.2 Other information
Not known.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity
Not known.

12.2 Persistence and Degradation
Not known.

12.3 Bioaccumulative potential
Not known.

12.4 Mobility in soil
Not known.

12.5 Results of PBT and vPvB assessment
Not known.

12.6 Other adverse effects
Not known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Dispose of contents in accordance with local, state or national legislation. Send to a licensed recycler, reclaimer or incinerator. Dispose at suitable refuse site.
13.2 Additional Information  
Disposal should be in accordance with local, state or national legislation.

SECTION 14: TRANSPORT INFORMATION  
Not classified as hazardous for transport.

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture  
No data available.

15.2 Chemical Safety Assessment  
A REACH chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

LEGEND

<table>
<thead>
<tr>
<th>Acronyms</th>
<th>Description</th>
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<tbody>
<tr>
<td>CAS : Chemical Abstracts Service</td>
<td></td>
</tr>
<tr>
<td>CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures</td>
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<tr>
<td>DNEL : Derived No Effect Level</td>
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<td>EC : European Community</td>
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<tr>
<td>EINECS : European Inventory of Existing Commercial Chemical Substances</td>
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<tr>
<td>LTEL : Long term exposure limit</td>
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<tr>
<td>PBT : Persistent, Bioaccumulative and Toxic</td>
<td></td>
</tr>
<tr>
<td>PNEC : Predicted No Effect Concentration</td>
<td></td>
</tr>
<tr>
<td>REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals</td>
<td></td>
</tr>
<tr>
<td>STEL : Short term exposure limit</td>
<td></td>
</tr>
<tr>
<td>STOT : Specific Target Organ Toxicity</td>
<td></td>
</tr>
<tr>
<td>vPvB : very Persistent and very Bioaccumulative</td>
<td></td>
</tr>
</tbody>
</table>

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