

# MSDS: Polycarbonate

## 1. Product Identification

|                   |   |
|-------------------|---|
| Product Name:     | Polycarbonate   |
| More Information: | ONCOTECH NORDIC AB<br>Vastra Ljungbyvagen 275 26651 Vejbystrand,<br>Sweden.<br><a href="http://www.ophthascan.ai">www.ophthascan.ai</a> |

## 2. Hazard Identification

|  |   |
|--|---|
| Classification of the substance or mixture | This product is not classified as hazardous according to Regulation (EC) No 1272/2008 |
| Label elements                             | No label element(s) required  |
| Other hazards                              | This material, as an article, does not legally require an MSDS                        |

## 3. Composition

| Substance                                     | CAS No.    | Content % |
|---|------------|-----------|
| 2,2-Bis(4-hydroxyphenyl)propane polycarbonate | 24936-68-3 | >99       |

## 4. First Aid Measures

|              |  |
|--------------|--|
| Eye Contact  | Rinse opened eyes for several minutes under running water.         |
| Skin Contact | Generally the product does not irritate the skin.                  |
| Ingestion    | Give large amounts of water. If symptoms persist consult a doctor. |
| Inhalation   | Supply fresh air; consult a doctor in case of complaints.          |

## 5. Firefighting measures

|   |  |
|---|--|
| Extinguishing media                                   | Water, foam, dry chemical, carbon dioxide  |
| Special hazards arising from the substance or mixture | Does not represent and special fire or explosive hazards<br>Upon reaching temperatures of combustion, produces toxic fumes |
| Protective equipment                                  | Wear self-contained breathing apparatus for firefighting if necessary.   |

## 6. Accidental release measures

|   |  |
|---|--|
| Personal precautions, protective equipment and emergency procedures | Avoid dust formation. Avoid breathing vapors, mist or gas.             |
| Environmental precautions   | No special environmental precautions required.                         |
| Methods and material for containment and cleaning up                | Sweep up and shovel. Keep in suitable, closed containers for disposal. |

## 7. Handling and Storage

|          |   |
|----------|---|
| Handling | No special handling precautions required. |
| Storage  | Store under normal warehouse conditions.  |

## 8. Exposure controls/personal protection

|                        |  |
|------------------------|--|
| Eye/face protection    | Not required under normal conditions of use. |
| Skin protection        | Not required under normal conditions of use. |
| Body Protection        | Not required under normal conditions of use. |
| Respiratory protection | Not required under normal conditions of use. |

|                                   |  |
|-----------------------------------|--|
| Control of environmental exposure | No special environmental precautions required. |
|-----------------------------------|--|

### 9. Physical and Chemical Properties

|                                |                       |
|--------------------------------|-----------------------|
| Physical State                 | Solid                 |
| Colour                         | Black                 |
| Odour threshold                | Odorless              |
| Melting point                  | Not available         |
| Freezing point                 | Not available         |
| Boiling point                  | Not available         |
| Flammability                   | Not applicable        |
| Explosive limits               | Not applicable        |
| Flash point                    | Not applicable        |
| Auto-ignition temperature      | 630°C                 |
| Decomposition temperature      | Not applicable        |
| pH                             | Not applicable        |
| Viscosity, kinematic           | Not applicable        |
| Solubility                     | Water: Insoluble      |
| Organic solvent                | Not applicable        |
| Vapor pressure                 | Not applicable        |
| Density                        | 1.20g/cm <sup>3</sup> |
| Relative density               | Not available         |
| Relative vapor density at 20°C | Not available         |
| Particle size                  | Not available         |
| Particle size distribution     | Not applicable        |

### 10. Stability and Reactivity

|                                     |  |
|-------------------------------------|--|
| Thermal decomposition to be avoided | No decomposition if used and stored according to specifications. |
| Materials to be avoided             | Strong oxidizing agents; mineral acids                           |
| Dangerous reactions                 | No decomposition if used according to specifications.            |

### 11. Toxicological Information

|  |  |
|--|--|
| Acute toxicity                                   | According to the classification criteria of the European Union, this product is not considered as being an acutely toxic chemical. |
| Oral   | No toxicity data available for this product.   |
| Dermal   | No toxicity data available for this product.   |
| Inhalation                                       | No toxicity data available for this product.   |
| Skin Corrosion/ Irritation                       | No toxicity data available for this product.   |
| SeriousEyeDamage/Irritation                      | No toxicity data available for this product.   |
| Respiratory sensitization                        | No toxicity data available for this product.   |
| Skin Sensitization                               | No toxicity data available for this product.   |
| Carcinogenicity                                  | No toxicity data available for this product.   |
| Mutagenicity                                     | No toxicity data available for this product.   |
| Reproductive toxicity                            | No toxicity data available for this product.   |
| Specific target organ toxicity (single exposure) | No toxicity data available for this product.   |
| Specific target organ toxicity (repeat exposure) | No toxicity data available for this product.   |
| Aspiration Hazard                                | No toxicity data available for this product.   |

### 12. Environmental Information

|                                    |   |
|------------------------------------|---|
| Acute toxicity                     | No data available - No toxic effects per current level of knowledge |
| Chronic toxicity                   | No data available - No toxic effects per current level of knowledge |
| Persistence and degradability      | No data available - No toxic effects per current level of knowledge |
| Bioaccumulative potential          | No data available - No toxic effects per current level of knowledge |
| Mobility in soil                   | No data available - No toxic effects per current level of knowledge |
| Results of PBT and vPvB assessment | No data available - No toxic effects per current level of knowledge |
| Endocrine disrupting properties    | No data available - No toxic effects per current level of knowledge |
| Other adverse effects              | No data available - No toxic effects per current level of knowledge |

### 13. Disposal Considerations

|  |  |
|--|--|
| Regional waste regulation                  | Dispose of in accordance with relevant local regulations.  |
| Waste treatment methods                    | Dispose of contents/container in accordance with licensed collector's sorting instructions.            |
| Product/Packaging disposal recommendations | Empty containers should be taken for recycling, recovery or waste in accordance with local regulation. |

### 14. Transport Information

| In accordance with ADR / IMDG / IATA / ADN / RID | ADR           | IMDG          | IATA          | ADN           | RID           |
|--|---------------|---------------|---------------|---------------|---------------|
| UN number or ID number                           | Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| UN proper shipping name                          | Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| Transport hazard class(es)                       | Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| Packing group                                    | Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| Environmental hazards                            | Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |

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**15. Regulatory information**

|                            |   |
|----------------------------|---|
| EU-Regulations             | Classification according to Regulation (EC) No. 1272/2008 on the classification of hazardous substances and mixtures. |
| National regulations       | No additional information available   |
| Chemical safety assessment | Not required<br>No chemical safety assessment has been carried out  |

**16. Disclaimer**

To the best of our knowledge the information contained in this publication is accurate; however, we do not assume any liability whatsoever for the accuracy or completeness of such information. We strongly recommend that users seek and adhere to the manufacturer's or supplier's current instructions for handling each material they use and satisfy themselves that they can meet all applicable safety and health standards. This information is based upon technical information believed to be reliable. It is subject to revision as additional knowledge and experience is gained.