

# SAFETY DATA SHEET

according to 1907/2006/EC, Article 3

Revision date: 30/09/2023

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

### 1.1 Product identifiers

|                       |                                                                                                               |
|-----------------------|---------------------------------------------------------------------------------------------------------------|
| <b>Product name</b>   | 4-(3-chloro-4 [(cyclopropylcarbamoyl)amino]phenoxy) N-(cyclopropylcarbamoyl)-7 methoxyquinoline-6 carboxamide |
| <b>Product Number</b> | PSR46452                                                                                                      |
| <b>Brand</b>          | PureSynth research chemicals                                                                                  |
| <b>CAS No.</b>        | 417716-92-8                                                                                                   |

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

**Identified uses** : Laboratory chemicals.

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

|                |                                                                                      |
|----------------|--------------------------------------------------------------------------------------|
| <b>Company</b> | PureSynth Research Chemicals GmbH.<br>64683 Einhausen Marie-Curie-StraBe. 3, Germany |
|----------------|--------------------------------------------------------------------------------------|

### 1.4 Emergency telephone number

**Worldwide Helpline No.:** 1800-8908-260

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008

|                                                                                 |      |
|---------------------------------------------------------------------------------|------|
| Acute toxicity, oral(Category 4)                                                | H302 |
| Skin corrosion/irritation (Category 2)                                          | H315 |
| Serious eye damage/eye irritation(Category 2A )                                 | H319 |
| Specific target organ toxicity, single exposure; Respiratory system(Category 3) | H335 |

### 2.2 Label elements

#### Labelling according Regulation (EC) No 1272/2008

**Pictogram**



**Signal word** Warning

**Hazard statement(s)**

|      |                                  |
|------|----------------------------------|
| H302 | Harmful if swallowed             |
| 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.

Supplemental Hazard Statements none

**Other hazards:**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information:

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information:

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. Vesicant., Rapidly absorbed through skin.

**SECTION 3: Composition / information on ingredients**

**3.1 Substances**

| Common names & Synonyms                                                      | Mol. formula                                                    | CAS number    |
|------------------------------------------------------------------------------|-----------------------------------------------------------------|---------------|
| Lenvatinib                                                                   | C <sub>21</sub> H <sub>19</sub> ClN <sub>4</sub> O <sub>4</sub> | 417716-92-8   |
| Component                                                                    | Classification                                                  | Concentration |
| 4-(3-Chloro-4-(3-cyclopropylureido)phenoxy)-7-methoxyquinoline-6-carboxamide |                                                                 | -             |

**SECTION 4: First aid measures**

**Description of first aid measures**

|                                |                                                                                                                                                         |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General advice</b>          | Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area                                                |
| <b>If inhaled</b>              | If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.                                         |
| <b>In case of skin contact</b> | Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician. |
| <b>In case of eye contact</b>  | Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.              |
| <b>If swallowed</b>            | Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.                             |

|                                                                                   |                                                                                                                     |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Most important symptoms and effects, both acute and delayed</b>                | The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11 |
| <b>Indication of any immediate medical attention and special treatment needed</b> | No data available                                                                                                   |

#### SECTION 5: Fire fighting measures

|                                                              |                                                                                                          |
|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| <b>Extinguishing media</b>                                   | alcohol-resistant foam, dry chemical or carbon dioxide                                                   |
| <b>Suitable extinguishing media</b>                          |                                                                                                          |
| <b>Unsuitable extinguishing media</b>                        | No data available                                                                                        |
| <b>Special hazards arising from the substance or mixture</b> | In combustion toxic fumes may form.                                                                      |
| <b>Advice for fire-fighters</b>                              | Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes. |
| <b>Further information</b>                                   | No data available                                                                                        |

#### SECTION 6: Accidental release measures

|                                                                            |                                                                                                                                                                                                                                                                                          |
|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal precautions, protective equipment and emergency procedures</b> | Wear respiratory protection. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. Do not attempt to take action without suitable protective clothing. For personal protection see section 8. |
| <b>Environmental precautions</b>                                           | Prevent further leakage or spillage if safe to do so. Do not let product enter drains or river. Alert the neighborhood to the presence of fumes or gas.                                                                                                                                  |
| <b>Methods and materials for containment and cleaning up</b>               | Mix with sand or vermiculite. Sweep up and shovel. Transfer to a closable, labelled salvage container for disposal by an appropriate method.                                                                                                                                             |
| <b>Reference to other sections</b>                                         | For disposal see section 13.                                                                                                                                                                                                                                                             |

#### SECTION 7: Handling and storage

|                                                                     |                                                                                                                                                                                                                                                    |
|---------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Precautions for safe handling</b>                                | Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Wash hands thoroughly after handling. Ensure there is sufficient ventilation of the area. Normal measures for preventive fire protection. For precautions see section 2.2. |
| <b>Conditions for safe storage, including any incompatibilities</b> | Keep container tightly closed in a dry and well-ventilated place. Keep at room temperature                                                                                                                                                         |
| <b>Specific end use(s)</b>                                          | Apart from the uses mentioned in section 1.2 no other specific uses are stipulated                                                                                                                                                                 |

#### SECTION 8: Exposure controls / Personal protection

|                                       |                                                                                                                                              |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Control parameters</b>             | Ingredients with workplace control parameters                                                                                                |
| <b>Exposure controls</b>              |                                                                                                                                              |
| <b>Personal protective equipment:</b> |                                                                                                                                              |
| <b>Eye / face protection</b>          | Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses |

**Skin Protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Body Protection**

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection**

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100(US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU)

**Control of environmental exposure**

Do not let product enter drains.

**SECTION 9: Physical and chemical properties**

|                                  |                   |
|----------------------------------|-------------------|
| <b>Appearance</b>                | Form: Solid       |
|                                  | Colour: White     |
| <b>Boiling Point</b>             | No data available |
| <b>Melting Point</b>             | No data available |
| <b>Odour</b>                     | No data available |
| <b>Odour Threshold</b>           | No data available |
| <b>pH</b>                        | No data available |
| <b>Flash point</b>               | No data available |
| <b>Evaporation rate</b>          | No data available |
| <b>Vapour pressure</b>           | No data available |
| <b>Vapor Density</b>             | No data available |
| <b>Relative density</b>          | No data available |
| <b>Solubility in water</b>       | No data available |
| <b>Auto-ignition temperature</b> | No data available |
| <b>Decomposition temperature</b> | No data available |
| <b>Viscosity</b>                 | No data available |
| <b>Explosive properties</b>      | No data available |
| <b>Oxidizing properties</b>      | No data available |

**SECTION 10: Stability and reactivity**

|                                           |                                                                                        |
|-------------------------------------------|----------------------------------------------------------------------------------------|
| <b>Reactivity</b>                         | No data available                                                                      |
| <b>Chemical stability</b>                 | The product is chemically stable under standard ambient conditions (room temperature). |
| <b>Possibility of hazardous reactions</b> | No data available                                                                      |
| <b>Condition to avoid</b>                 | No data available.                                                                     |
| <b>Incompatible materials</b>             | Strong oxidizing agents.                                                               |
| <b>Hazardous decomposition products</b>   | Carbon monoxide , carbon dioxide , hydrogen chloride , nitrogen oxides                 |

## SECTION 11: Toxicological information

|                                                    |                                                                                                                                                                                                                                                             |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Acute toxicity                                     | No data available                                                                                                                                                                                                                                           |
| Skin corrosion/irritation                          | No data available                                                                                                                                                                                                                                           |
| Serious eye damage/eye irritation                  | No data available                                                                                                                                                                                                                                           |
| Respiratory or skin sensitization                  | No data available                                                                                                                                                                                                                                           |
| Germ cell mutagenicity                             | No data available                                                                                                                                                                                                                                           |
| Carcinogenicity                                    | No data available                                                                                                                                                                                                                                           |
| Reproductive toxicity                              | No data available                                                                                                                                                                                                                                           |
| Specific target organ toxicity - single exposure   | No data available                                                                                                                                                                                                                                           |
| Specific target organ toxicity - repeated exposure | No data available                                                                                                                                                                                                                                           |
| Aspiration hazard                                  | No data available                                                                                                                                                                                                                                           |
| Additional Information                             |                                                                                                                                                                                                                                                             |
| Endocrine disrupting properties                    |                                                                                                                                                                                                                                                             |
| Assessment                                         | The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. |

## SECTION 12: Ecological information

|                                    |                                                                                                                                                                                                                                                             |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Toxicity                           | No data available                                                                                                                                                                                                                                           |
| Persistence and degradability      | No data available                                                                                                                                                                                                                                           |
| Bio accumulative potential         | No data available                                                                                                                                                                                                                                           |
| Mobility in soil                   | No data available                                                                                                                                                                                                                                           |
| Results of PBT and vPvB assessment | This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.                                                          |
| Endocrine disrupting properties    | The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. |
| Other adverse effects              | No data available                                                                                                                                                                                                                                           |

## SECTION 13: Disposal considerations

|                         |                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Waste treatment methods | Offer surplus and non-recyclable solutions to a licensed disposal company. Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleansed containers like the product itself. |
| Products                |                                                                                                                                                                                                                                                                                                                                               |
| Contaminated packaging  | Dispose of as unused product.                                                                                                                                                                                                                                                                                                                 |

#### SECTION 14: Transport information

|                                         | UN no. | UN proper shipping name | Hazard Class(es) | Packaging group | Enviromental Hazards |
|-----------------------------------------|--------|-------------------------|------------------|-----------------|----------------------|
| <b>ADR / RID</b>                        |        | Not dangerous goods     |                  |                 | No                   |
| <b>IMDG</b>                             |        | Not dangerous goods     |                  |                 | No                   |
| <b>IATA</b>                             |        | Not dangerous goods     |                  |                 | No                   |
| <b>Special precautions for user</b>     |        |                         |                  |                 |                      |
| No special precautions required         |        |                         |                  |                 |                      |
| Further information : No data available |        |                         |                  |                 |                      |

#### SECTION 15: Regulatory information

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

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

##### **Chemical safety assessment**

A Chemical Safety Assessment has not been carried out for this substance.

#### SECTION 16: Other information

The information in this SDS 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. The user must be determined suitability of this information for his application.