

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

|                             |   |
|-----------------------------|---|
| <b>Catalogue Number</b>     | CS-P-08154  |
| <b>Product Name</b>         | Ticagrelor N-Glucuronide  |
| <b>CAS No.</b>              | Not available   |
| <b>Category</b>             | Glucuronide   |
| <b>Synonyms</b>             | 6-(((1R,2S)-2-(3,4-difluorophenyl)cyclopropyl)(3-((1R,2S,3S,4S)-2,3-dihydroxy-4-(2-hydroxyethoxy)cyclopentyl)-5-(propylthio)-3H-[1,2,3]triazolo[4,5-d]pyrimidin-7-yl)amino)-3,4,5-trihydroxytetrahydro-2H-pyran-2-carboxylic acid |
| <b>Brand</b>                | Clearsynth Labs Ltd.  |
| <b>Identified uses</b>      | Laboratory Chemicals  |
| <b>Uses advised against</b> | Not available   |
| <b>Company</b>              | Clearsynth Labs Ltd.<br>Mumbai, India   |
| <b>Emergency Phone #</b>    | +91-22-245045900  |
| <b>REACH No.</b>            | Not available   |

### SECTION 2: Hazards identification

**Disclaimer:** This is sample MSDS. Please email [sales@clearsynth.com](mailto:sales@clearsynth.com) for more details.

#### 2.1 Classification of the substance or mixture-Regulation (EC) No 1272/2008:

Not available

#### 2.2 Label Elements

**Signal Word:** Not available

Not available

#### Hazard Statement(s)

| Code          | Statement     |
|---------------|---------------|
| Not available | Not available |

#### Precautionary Statement(s)

| Code          | Statement     |
|---------------|---------------|
| Not available | Not available |

### SECTION 3: Composition / information on ingredients

#### 3.1 Substance

Component : Ticagrelor N-Glucuronide

CAS Number : Not available

Molecular Formula : C<sub>29</sub>H<sub>36</sub>F<sub>2</sub>N<sub>6</sub>O<sub>10</sub>S

Molecular Weight : 698.7

Parent Chemical : Ticagrelor

Synonyms : 6-(((1R,2S)-2-(3,4-difluorophenyl)cyclopropyl)(3-(((1R,2S,3S,4S)-2,3-dihydroxy-4-(2-hydroxyethoxy)cyclopentyl)-5-(propylthio)-3H-[1,2,3]triazolo[4,5-d]pyrimidin-7-yl)amino)-3,4,5-trihydroxytetrahydro-2H-pyran-2-carboxylic acid

Concentration : Not available

### SECTION 4: First aid measures

#### SECTION 4: First-aid measures

##### 4.1 Description of first aid measures

- General advice: Remove from exposure. Show this SDS to medical personnel if available.
- Inhalation: Move person to fresh air. If symptoms occur or persist, get medical attention.
- Skin contact: Wash with soap and water. Remove contaminated clothing and wash before reuse. Get medical attention if irritation develops.
- Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Get medical attention if irritation persists.
- Ingestion: Rinse mouth. Do not induce vomiting unless directed by medical personnel. Get medical attention.

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

- Not available.

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

- Treat symptomatically.
- No data available.

### SECTION 5: Firefighting measures

#### SECTION 5: Fire-fighting measures

##### 5.1 Extinguishing media

- Suitable extinguishing media: Use extinguishing measures appropriate to local circumstances and the surrounding environment (e.g., water spray, alcohol-resistant foam, dry chemical, carbon dioxide).
- Unsuitable extinguishing media: Not available.

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

- Specific hazards: No data available.
- Hazardous combustion products: May include carbon oxides, nitrogen oxides, sulfur oxides, and hydrogen fluoride; other decomposition products are possible.

##### 5.3 Advice for firefighters

- Wear self-contained breathing apparatus (SCBA) and full protective gear.

- Avoid inhalation of combustion products.
- Use water spray to cool unopened containers exposed to fire, if safe to do so.

### SECTION 6: Accidental release measures

#### SECTION 6: Accidental release measures

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

- Avoid breathing dust/mist/vapors.
- Avoid contact with skin and eyes.
- Use appropriate personal protective equipment (see Section 8).
- Ensure adequate ventilation.

##### 6.2 Environmental precautions

- Prevent further leakage or spillage if safe to do so.
- Avoid release to the environment. Prevent entry into drains, surface waters, or soil.

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

- Contain spill.
- For small spills: Carefully sweep or scoop up without generating dust; place in a suitable, labeled container for disposal.
- For large spills: Use methods that minimize dust generation; collect mechanically where possible.
- Clean spill area after material pickup.

##### 6.4 Reference to other sections

- See Section 8 for personal protective equipment and Section 13 for disposal considerations.

### SECTION-7: Handling and storage

#### SECTION 7: Handling and storage

##### 7.1 Precautions for safe handling

- Handle in accordance with good industrial hygiene and safety practice.
- Avoid formation of dust and aerosols.
- Avoid contact with skin, eyes, and clothing.
- Do not breathe dust.
- Use with adequate ventilation; use local exhaust where appropriate.
- Wash hands thoroughly after handling.

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

- Store in a tightly closed container.
- Keep in a cool, dry, well-ventilated place.
- Protect from moisture.
- Incompatibilities: Not available.

##### 7.3 Specific end use(s)

- Not available.

### SECTION 8: Exposure controls / personal protection

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

- Occupational exposure limits: Not available.
- Biological limit values: Not available.

#### 8.2 Exposure controls

- Appropriate engineering controls: Provide adequate general ventilation. Use local exhaust ventilation where dust or aerosols may be generated.

#### Personal protective equipment (PPE)

- Eye/face protection: Safety glasses with side shields or chemical safety goggles.
- Skin protection: Protective gloves (material not specified). Wear protective clothing as appropriate.
- Respiratory protection: If ventilation is inadequate or dust/aerosols are generated, use a NIOSH/EN-approved respirator suitable for particulates.
- Hygiene measures: Wash hands after handling. Do not eat, drink, or smoke when using this product.

### SECTION 9: Physical and chemical properties

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

| Test        | Result            |
|-------------|-------------------|
| Appearance  | No data available |
| IR spectrum | No data available |
| pH          | No data available |
| Solubility  | No data available |

| Property                                   | Value             |
|--|-------------------|
| a) Physical State                          | No data available |
| b) Color                                   | No data available |
| c) Odor                                    | No data available |
| d) pH                                      | No data available |
| e) Vapour Pressure                         | No data available |
| f) Viscosity                               | No data available |
| g) Initial Boiling Point and boiling range | No data available |
| h) Melting Point / Freezing Point          | No data available |
| i) Auto Ignition Temperature               | No data available |
| j) Flash Point                             | No data available |

| Property                     | Value             |
|------------------------------|-------------------|
| k) Explosion Limit, Lower    | No data available |
| l) Explosion Limit, Upper    | No data available |
| m) Decomposition Temperature | No data available |
| n) Loss on Drying            | No data available |
| o) Relative Density          | No data available |
| p) Solubility (in DMSO)      | No data available |
| q) Oxidizing Properties      | No data available |

## SECTION 10: Stability and reactivity

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

- No data available.

#### 10.2 Chemical stability

- Stable under recommended storage conditions.

#### 10.3 Possibility of hazardous reactions

- No data available.

#### 10.4 Conditions to avoid

- Avoid excessive heat.
- Avoid dust generation.
- Other: Not available.

#### 10.5 Incompatible materials

- Not available.

#### 10.6 Hazardous decomposition products

- Under fire conditions: May form carbon oxides, nitrogen oxides, sulfur oxides, and hydrogen fluoride; other decomposition products are possible.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

- 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.
- STOT-single exposure: No data available.
- STOT-repeated exposure: No data available.

- Aspiration hazard: No data available.

Likely routes of exposure

- No data available.

Symptoms related to the physical, chemical and toxicological characteristics

- Not available.

## SECTION 12: Ecological information

SECTION 12: Ecological information

12.1 Toxicity

- Not available.

12.2 Persistence and degradability

- Not available.

12.3 Bioaccumulative potential

- Not available.

12.4 Mobility in soil

- Not available.

12.5 Results of PBT and vPvB assessment

- Not available.

12.6 Endocrine disrupting properties

- Not available.

12.7 Other adverse effects

- Not available.

## SECTION 13: Disposal considerations

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Dispose of contents/container in accordance with local/regional/national/international regulations.

- Do not discharge to drains.

- Incineration or disposal via a licensed waste contractor is recommended where permitted.

- Contaminated packaging: Dispose of as unused product unless cleaned and permitted by regulations.

## SECTION 14: Transport information

SECTION 14: Transport information

- UN number: Not available.

- UN proper shipping name: Not available.

- Transport hazard class(es): Not available.

- Packing group: Not available.

- Environmental hazards: Not available.

- Special precautions for user: Not available.
- Transport in bulk according to IMO instruments: Not available.

Note: Transport classification information has not been determined.

### SECTION 15: Regulatory information

#### SECTION 15: Regulatory information

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

- Not available.

##### 15.2 Chemical safety assessment

- Not available.

### SECTION 16: Other information

#### SECTION 16: Other information

- Product name: Ticagrelor N-Glucuronide
- Catalog number: CS-P-08154
- CAS number: Not available
- Category: Glucuronide
- Molecular weight: 698.7
- Parent chemical: Ticagrelor
- Supplier: Clearsynth Labs Ltd., Mumbai, India
- Emergency phone: +91-22-245045900

#### Disclaimer

- The information provided is believed to be accurate based on available data; however, no warranty is expressed or implied. Users are responsible for determining suitability for their particular application and for complying with applicable laws and regulations.

#### Revision information

- No data available.

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