6'-Aminocinchonine



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|  |   |  | ure and of the company/und  | ertaking   |
|--|---|--|---|--|
| SECTION 1: Id  | lentification of the  | substance/mixtu  | ire and of the company/und  |  |
| 1.1. Product   | identifier  |  |   |  |
| Product form   |   | : Substance  |   |  |
| Substance name   |   | : 6'-Aminocinchonine   |   |  |
| Chemical name  |   | : (S)-[(2R,4S,5R)-5-Ethenyl-1-azabicyclo[2.2.2]oct-2-yl](6-aminoquinolin-4-yl)methanol                                   |   |  |
| EC No  |   | : -  |   |  |
| CAS No   |   | : 2143936-31-4   |   |  |
| Formula  |   | : C19H23N3O  |   |  |
| Synonyms   |   | : (8R,9S)-6`-Aminocinchonan-9-ol; (8β,9S)-6`-Aminocinchonan-9-ol   |   |  |
|  |   | substance or mixture   | e and uses advised against  |  |
| 1.2.1. Relevan   | t identified uses   |  |   |  |
| Main use category  |   |  | e. Professional use.  |  |
| Use of the substan   |   | : Chiral resolut   | tion  |  |
|  | vised against   |  |   |  |
| No additional infor  |   |  |   |  |
| 1.3. Details of<br>Manufacturer/Sur  | of the supplier of the sat  | fety data sheet  |   |  |
|  |   |  |   |  |
| 38110 Braunschwo<br>T +49 5307 9310 -<br>Safety data sheet:  | eig - Germany<br>www.buchler-gmbh.com   |  | <u>.com</u><br>E-Mail: <u>sds@dlac-gmbh.de</u>  |  |
| Safety data sheet:<br>1.4. Emerge  | eig - Germany<br>www.buchler-gmbh.com<br>DLAC Dienstleistungsage<br>ncy telephone number  | entur Chemie GmbH,   | E-Mail: <u>sds@dlac-gmbh.de</u>   | Emergency number   |
| 38110 Braunschwe<br>T +49 5307 9310 -<br>Safety data sheet:  | eig - Germany<br>www.buchler-gmbh.com<br>DLAC Dienstleistungsage  | ny   |   | <b>Emergency number</b><br>+49 1791437208<br>(German/English) (Mo-Fr 8:00-16:00) |
| 38110 Braunschwe<br>T +49 5307 9310 -<br>Safety data sheet:<br>1.4. Emerge<br>Country<br>Germany   | eig - Germany<br>www.buchler-gmbh.com<br>DLAC Dienstleistungsage<br>ncy telephone number<br>Organisation/Compa<br>BUCHLER GmbH  | ny<br>GUS Group)   | E-Mail: sds@dlac-gmbh.de<br>Address<br>Harxbütteler Str. 3                                | +49 1791437208   |
| 38110 Braunschwei<br>T +49 5307 9310 -<br>Safety data sheet:<br>1.4. Emerge<br>Country<br>Germany<br>SECTION 2: H  | eig - Germany<br>www.buchler-gmbh.com<br>DLAC Dienstleistungsage<br>ncy telephone number<br>Organisation/Compa<br>BUCHLER GmbH<br>(A member of the FAG  | ny<br>GUS Group)   | E-Mail: sds@dlac-gmbh.de<br>Address<br>Harxbütteler Str. 3                                | +49 1791437208   |
| 38110 Braunschwer<br>T +49 5307 9310 -<br>Safety data sheet:<br>1.4. Emerge<br>Country<br>Germany<br>SECTION 2: H<br>2.1. Classification acc<br>Acute toxicity (oral<br>Sensitisation - Skir<br>Full text of H statements<br>Adverse physicol  | eig - Germany<br>www.buchler-gmbh.com<br>DLAC Dienstleistungsage<br>ncy telephone number<br>Organisation/Compa<br>BUCHLER GmbH<br>(A member of the FAG<br>azards identification<br>cation of the substance<br>cording to Regulation (E<br>), Category 3 H301<br>n, Category 1A H317   | entur Chemie GmbH,<br>ny<br>GUS Group)<br>on<br>or mixture<br>iC) No. 1272/2008 [C<br>and environmental                  | E-Mail: sds@dlac-gmbh.de<br>Address<br>Harxbütteler Str. 3<br>38110 Braunschweig, Germany | +49 1791437208   |
| 38110 Braunschwer<br>T +49 5307 9310 -<br>Safety data sheet:<br>1.4. Emerge<br>Country<br>Germany<br>SECTION 2: H<br>2.1. Classification acc<br>Acute toxicity (oral<br>Sensitisation - Skir<br>Full text of H statements<br>Adverse physicol<br>Toxic if swallowed                  | eig - Germany<br>www.buchler-gmbh.com<br>DLAC Dienstleistungsage<br>ncy telephone number<br>Organisation/Compa<br>BUCHLER GmbH<br>(A member of the FAG<br>azards identification<br>cation of the substance<br>cording to Regulation (E<br>), Category 3 H301<br>n, Category 1A H317<br>: see section 16<br>chemical, human health<br>May cause an allergic se | entur Chemie GmbH,<br>ny<br>GUS Group)<br>on<br>or mixture<br>iC) No. 1272/2008 [C<br>and environmental                  | E-Mail: sds@dlac-gmbh.de<br>Address<br>Harxbütteler Str. 3<br>38110 Braunschweig, Germany | +49 1791437208   |
| 38110 Braunschwer<br>T +49 5307 9310 -<br>Safety data sheet:<br>1.4. Emerge<br>Country<br>Germany<br>SECTION 2: H<br>2.1. Classification acc<br>Acute toxicity (oral<br>Sensitisation - Skir<br>Full text of H statements<br>Adverse physicol<br>Toxic if swallowed<br>2.2. Label el | eig - Germany<br>www.buchler-gmbh.com<br>DLAC Dienstleistungsage<br>ncy telephone number<br>Organisation/Compa<br>BUCHLER GmbH<br>(A member of the FAG<br>azards identification<br>cation of the substance<br>cording to Regulation (E<br>), Category 3 H301<br>n, Category 1A H317<br>: see section 16<br>chemical, human health<br>May cause an allergic se | entur Chemie GmbH,<br>ny<br>GUS Group)<br>on<br>or mixture<br>iC) No. 1272/2008 [C<br>and environmental<br>kin reaction. | E-Mail: sds@dlac-gmbh.de<br>Address<br>Harxbütteler Str. 3<br>38110 Braunschweig, Germany | +49 1791437208   |

|                                | 0.1000  |
|--------------------------------|---|
| Signal word (CLP)              | : Danger  |
| Hazard statements (CLP)        | : H301 - Toxic if swallowed<br>H317 - May cause an allergic skin reaction   |
| Precautionary statements (CLP) | <ul> <li>P261 - Avoid breathing dust</li> <li>P270 - Do not eat, drink or smoke when using this product</li> <li>P280 - Wear protective gloves, protective clothing, eye protection</li> <li>P301+P312 - IF SWALLOWED: Immediately call a POISON CENTER, doctor</li> <li>P302+P352 - IF ON SKIN: Wash with plenty of soap and water</li> <li>P333+P313 - If skin irritation or rash occurs: Get medical advice/attention</li> </ul> |

#### 2.3. Other hazards

Contains no substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not 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.

#### 6'-Aminocinchonine

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|  |   |   | •   |
|--|---|---|---|
| SECTION 3: Composition/info                  | ormation on ingredients                             |   |   |
| 3.1. Substances                              |   |   |   |
| Substance name                               | : 6'-Aminocinchonine                                |   |   |
| EC No  | : -   |   |   |
| CAS No                                       | : 2143936-31-4                                      |   |   |
| Name   | Product identifier                                  | %   | Classification according to<br>Regulation (EC) No. 1272/2008 [CLP]                                |
| 6'-Aminocinchonine                           | (CAS No) 2143936-31-4                               | ≤ 100   | Acute Tox. 3 (Oral), H301<br>Skin Sens. 1A, H317  |
| Full text of H-statements: see section 16    |   | ·   | ·   |
| 3.2. Mixtures                                |   |   |   |
| Not applicable                               |   |   |   |
| SECTION 4: First aid measure                 | 29  |   |   |
| 4.1. Description of first aid mea            |   |   |   |
| First-aid measures general                   | : Get medical advice/atte show him the packaging    |   | f possible show him this sheet. Failing this,<br>ything by mouth to an unconscious person.<br>on. |
| First-aid measures after inhalation          | : Remove victim to fresh                            | air and keep at rest in a   | position comfortable for breathing.   |
| First-aid measures after skin contact        |   |   | and wash it before reuse. Wash with plenty of Get medical advice/attention.                       |
| First-aid measures after eye contact         | : IF IN EYES: Rinse caut<br>and easy to do. Continu |   | eral minutes. Remove contact lenses, if prese   |
| First-aid measures after ingestion           | : Rinse mouth. Drink pler                           | nty of water as a precaut   | ion. Get medical advice/attention immediately   |
| <b>1.2.</b> Most important symptoms          | and effects, both acute and delaye                  | d   |   |
| Symptoms/injuries                            |   | nal disorders (e.g. naus  | adache, tinnitus, visual disturbances,<br>ea, vomiting, diarrhoea), exanthema and                 |
| Symptoms/injuries after skin contact         | : May cause an allergic s                           | kin reaction.   |   |
| Symptoms/injuries after ingestion            | : Toxic if swallowed.                               | : Toxic if swallowed.   |   |
| 4.3. Indication of any immediate             | e medical attention and special trea                | atment needed   |   |
| Treat symptomatically.                       |   |   |   |
| SECTION 5: Firefighting meas                 | sures   |   |   |
| 5.1. Extinguishing media                     |   |   |   |
| Suitable extinguishing media                 | : Adapt extinguishing age<br>extinguishing powder.  | ent to suit the environme   | nt. Water spray. Foam. Carbon dioxide. Dry  |
| Unsuitable extinguishing media               | : Do not use a heavy wat                            | er stream.  |   |
| 5.2. Special hazards arising fro             | m the substance or mixture                          |   |   |
| Hazardous decomposition products in o<br>ire | case of : Carbon oxides (CO, CC                     | 2). Nitrogen oxides.  |   |
| 5.3. Advice for firefighters                 |   |   |   |
| Firefighting instructions                    | : Use water spray or fog t<br>environment.          | : Use water spray or fog for cooling exposed containers. Prevent fire-fighting water from enterin<br>environment. |   |
| Protection during firefighting               | : Use a self-contained bro                          | eathing apparatus and a   | lso a protective suit (EN 469).   |
| SECTION 6: Accidental release                | se measures   |   |   |
| 6.1. Personal precautions, prot              | ective equipment and emergency p                    | rocedures   |   |
| General measures                             | : Stop leak if safe to do s<br>not breathe dust.    | o. Provide adequate ven   | tilation. Avoid contact with skin and eyes. Do  |
| 6.1.1. For non-emergency person              | nel   |   |   |
| Emergency procedures                         |   | l equipped with suitable  | protective equipment may intervene.   |
| 6.1.2. For emergency responders              |   |   |   |
| Protective equipment                         |   | equipment as required.  | Wear suitable respiratory equipment in case   |
| 15 04 2025                                   | EN (English)  |   | 21  |

### Safety Data Sheet

according to Regulation (EU) 2020/878

#### 6'-Aminocinchonine

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# 6.2. Environmental precautions Prevent entry to sewers and public waters. Notify authorities if substance enters sewers or public waters. 6.3. Methods and material for containment and cleaning up Methods for cleaning up : Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal. Minimize generation of dust. Dispose of in accordance with relevant local regulations.

#### 6.4. Reference to other sections

Concerning personal protective equipment to use, see section 8. Concerning disposal elimination after cleaning, see section 13.

| <b>SECTION 7: Handling and storage</b>  |  |
|---|--|
| 7.1. Precautions for safe handling      |  |
| Precautions for safe handling           | : Provide local exhaust or general room ventilation. Avoid dust formation. Avoid contact with skin and eyes. Keep container closed when not in use.  |
| Hygiene measures                        | : Handle in accordance with good industrial hygiene and safety procedures. When using do not eat, drink or smoke. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Take off contaminated clothing and wash it before reuse. |
| 7.2. Conditions for safe storage, inclu | ding any incompatibilities   |
| Storage conditions                      | : Store in original container. Store tightly closed in a dry and cool place. Keep out of direct<br>sunlight. Protect from moisture.  |
| Storage temperature                     | : This substance does not require any special temperature storage conditions.  |
| Prohibitions on mixed storage           | : Keep away from food, drink and animal feedingstuffs.   |
| 7.3. Specific end use(s)                |  |

### 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:

Use adequate ventilation. Avoid dust formation.

#### Hand protection:

Wear suitable gloves (EN 374). Latex. Nitrile rubber. Butyl rubber. 0.4 mm. The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

#### Eye protection:

Chemical goggles or safety glasses (EN 166).

#### Skin and body protection:

Wear suitable protective clothing (EN 344).

#### Respiratory protection:

Where exposure through inhalation may occur from use, respiratory protection is recommended. Dust production: dust mask with filter type P2.

#### Environmental exposure controls:

Avoid release to the environment.

| <b>SECTION 9: Physical and chemical</b>                  | properties          |
|--|---------------------|
| 9.1. Information on basic physical and                   | chemical properties |
| Physical state   | : Solid             |
| Colour   | : White             |
| Odour  | : Odourless         |
| Melting point/freezing point                             | : No data available |
| Boiling point or initial boiling point and boiling range | : No data available |
| Flammability   | : No data available |
|  |                     |

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|   | •                   |
|---|---------------------|
| Lower and upper explosion limit                   | : Not applicable    |
| Flash point                                       | : Not applicable    |
| Auto-ignition temperature                         | : Not applicable    |
| Decomposition temperature                         | : No data available |
| pH  | : No data available |
| Kinematic viscosity                               | : Not applicable    |
| Solubility  | : No data available |
| Partition coefficient n-octanol/water (log value) | : 2.3               |
| Vapour pressure                                   | : No data available |
| Density and/or relative density                   | : No data available |
| Relative vapour density                           | : Not applicable    |
| Particle characteristics                          | : No data available |
| 9.2. Other information                            |                     |
|   |                     |

| 9.2.1. Information | with rega | rd to phys | ical hazard | classes |
|--------------------|-----------|------------|-------------|---------|

Explosive properties Oxidising properties

- : The substance is not explosive. Dust can form an explosive mixture with air. : The substance has no oxidising properties.
- 9.2.2. Other safety characteristics

No additional information available

| SECTION 10: Stability and reactivity               |  |
|--|--|
| 10.1. Reactivity                                   |  |
| No dangerous reactions known under normal cond     | ditions of use.  |
| 10.2. Chemical stability                           |  |
| Stable under use and storage conditions as recom   | nmended in section 7 for a minimum of 5 years.                   |
| 10.3. Possibility of hazardous reactions           |  |
| None under normal use.                             |  |
| 10.4. Conditions to avoid                          |  |
| Direct sunlight. High temperature. The degradation | n product quinicine is formed.                                   |
| 10.5. Incompatible materials                       |  |
| Oxidising agents.                                  |  |
| 10.6. Hazardous decomposition products             |  |
| In case of fire: Carbon monoxide. Carbon dioxide.  | Nitrogen oxides.   |
| <b>SECTION 11: Toxicological information</b>       | on   |
| 11.1. Information on hazard classes as def         | ined in Regulation (EC) No 1272/2008                             |
| Acute toxicity                                     | : Oral: toxic if swallowed.                                      |
| 6'-Aminocinchonine (2143936-31-4)                  |  |
| LD50 oral rat                                      | 289.77 mg/kg (QSAR via T.E.S.T.)                                 |
| LD50 oral rat                                      | 350.82 mg/kg (Quinine)   |
| Skin corrosion/irritation                          | : Not classified   |
|  | Based on available data, the classification criteria are not met |
| Serious eye damage/irritation                      | : Not classified   |
|  | Based on available data, the classification criteria are not met |
| Respiratory or skin sensitisation                  | : May cause an allergic skin reaction.                           |
| Germ cell mutagenicity                             | : Not classified   |
|  | Based on available data, the classification criteria are not met |
| Carcinogenicity                                    | : Not classified   |
|  | Based on available data, the classification criteria are not met |
| Reproductive toxicity                              | : Not classified   |
|  | Based on available data, the classification criteria are not met |
|  |  |

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| Specific target organ toxicity (single exposure)  | : Not classified<br>Based on available data, the cla                  | ssification criteria are not met   |                                    |
| Specific target organ toxicity (repeated exposure)                                      | : Not classified<br>Based on available data, the cla                  | ssification criteria are not met   |                                    |
| Aspiration hazard   | : Not classified<br>Based on available data, the cla                  | ssification criteria are not met   |                                    |
| 11.2. Information on other hazards  |   |  |                                    |
| <b>11.2.1.</b> Endocrine disrupting properties<br>Endocrine disruption for human health | : The substance has no endocrine                                      | e disrupting properties.   |                                    |
| <b>11.2.2. Other information</b><br>Potential adverse human health effects and symptoms |   | effects (e.g. headache, tinnitus, visua<br>ders (e.g. nausea, vomiting, diarrhoea                                    |                                    |
| <b>SECTION 12: Ecological information</b>   | 1   |  |                                    |
| 12.1. Toxicity  |   |  |                                    |
| Acute aquatic toxicity  | : Not classified  |  |                                    |
| Chronic aquatic toxicity  | : Not classified  |  |                                    |
| 6'-Aminocinchonine (2143936-31-4)   | -   |  |                                    |
| EC50 daphnia  | 79.96 mg/l 24 h, Daphnia magna  |  |                                    |
| EC50 daphnia  | 14.25 mg/l 48 h, Daphnia magna  |  |                                    |
| ErC50 algae   | 11.13 mg/l 72 h, Dunaliella salina                                    | a (Quinine)  |                                    |
| 12.2. Persistence and degradability   |   |  |                                    |
| 6'-Aminocinchonine (2143936-31-4)   |   |  |                                    |
| Persistence and degradability   | Readily biodegradable.  |  |                                    |
| Biodegradation  | 72 - 96.9 % 28 d (OECD 301 B)   | (Cinchonine)   |                                    |
| 12.3. Bioaccumulative potential   |   |  |                                    |
| 6'-Aminocinchonine (2143936-31-4)   |   |  |                                    |
| Bioconcentration factor (BCF REACH)   | 8.45 l/kg   |  |                                    |
| Log Pow   | 2.3   |  |                                    |
| 12.4. Mobility in soil  |   |  |                                    |
| 6'-Aminocinchonine (2143936-31-4)   |   |  |                                    |
| Log Koc   | 1.7 – 4.4   |  |                                    |
| 12.5. Results of PBT and vPvB assessme  | ent   |  |                                    |
| This substance does not meet the PBT- or vPvB   | 3 criteria of REACH regulation, annex                                 | XIII.  |                                    |
| 12.6. Endocrine disrupting properties   |   |  |                                    |
| Endocrine disruption for the environment  | : The substance has no endocrine                                      | e disrupting properties.   |                                    |
| 12.7. Other adverse effects   |   |  |                                    |
| No additional information available   |   |  |                                    |
| <b>SECTION 13: Disposal consideratio</b>  | ns  |  |                                    |
| 13.1. Waste treatment methods   |   |  |                                    |
| Regional legislation (waste)  | •   | ordance with local/national regulations  |                                    |
| Waste treatment methods   | domestic waste. Do not empty in                                       |  |                                    |
| Waste disposal recommendations  | : Empty the packaging completely<br>recyclable like any other packing | prior to disposal. When totally empty,   | containers are                     |
| European List of Waste (LoW) code   | : 07 00 00 - WASTES FROM OR   |  | MFSU) of basic organic             |
| Waste code  | depends on the waste producer   | ng to the Ordinance on the European<br>and can therefore vary for any given p<br>d separately from each waste produc | roduct. The waste code             |

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| : 1544   |
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|  |
| : ALKALOIDS, SOLID, N.O.S. (6'-Aminocinchonine)                        |
| : ALKALOIDS, SOLID, N.O.S. (6'-Aminocinchonine)                        |
| : Alkaloids, solid, n.o.s. (6'-Aminocinchonine)                        |
| : UN 1544 ALKALOIDS, SOLID, N.O.S. (6'-Aminocinchonine), 6.1, III, (E) |
| : UN 1544 ALKALOIDS, SOLID, N.O.S. (6'-Aminocinchonine), 6.1, III      |
| : UN 1544 Alkaloids, solid, n.o.s. (6'-Aminocinchonine), 6.1, III      |
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| : III<br>: No  |
| : III<br>: No<br>: No  |
| : III<br>: No<br>: No supplementary information available              |
| : III<br>: No<br>: No  |
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| Limited quantities (ADR)   | : 5kg                     |
|--|---------------------------|
| Excepted quantities (ADR)  | : E1                      |
| Packing instructions (ADR)   | : P002, IBC08, LP02, R001 |
| Special packing provisions (ADR)   | : B3                      |
| Mixed packing provisions (ADR)   | : MP10                    |
| Portable tank and bulk container instructions (ADR)                        | : T1                      |
| Portable tank and bulk container special<br>provisions (ADR)               | : TP33                    |
| Tank code (ADR)  | : SGAH, L4BH              |
| Tank special provisions (ADR)  | : TU15, TE19              |
| Vehicle for tank carriage  | : AT                      |
| Transport category (ADR)   | : 2                       |
| Special provisions for carriage - Bulk (ADR)                               | : VC1, VC2, AP7           |
| Special provisions for carriage - Loading,<br>unloading and handling (ADR) | : CV13, CV28              |
| Special provisions for carriage - Operation (ADR)                          | : S9                      |
| Hazard identification number (Kemler No.)                                  | : 60                      |
| Orange plates  |                           |
|  | <b>60</b>                 |
|  | 1544                      |
|  | 1344                      |
| Tunnel restriction code (ADR)  | : E                       |
| - Transport by sea   |                           |
| Special provisions (IMDG)  | : 43, 223, 274            |
| Limited quantities (IMDG)  |                           |
| Excepted quantities (IMDG)   | : 5 kg<br>: E1            |
| Packing instructions (IMDG)  |                           |
| <b>c</b>   | : P002, LP02<br>: IBC08   |
| IBC packing instructions (IMDG)  | : B3                      |
| IBC special provisions (IMDG)  | . вз<br>: Т1              |
| Tank instructions (IMDG)<br>Tank special provisions (IMDG)                 | : TP33                    |
|  | : F-A                     |
| EmS-No. (Fire)   | : S-A                     |
| EmS-No. (Spillage)   | : A                       |
| Stowage category (IMDG)  | . A                       |
| - Air transport  | : E1                      |
| PCA Excepted quantities (IATA)   |                           |
| PCA Limited quantities (IATA)  | : Y645                    |
| PCA limited quantity max net quantity (IATA)                               | : 10kg                    |
| PCA packing instructions (IATA)  | : 670<br>: 100kg          |
| PCA max net quantity (IATA)  | : 100kg                   |
| CAO packing instructions (IATA) : 677                                      |                           |
| CAO max net quantity (IATA)  | : 200kg                   |
| Special provisions (IATA)  | : A3, A5, A6, A801        |
| ERG code (IATA)  | : 6L                      |
| 14.7. Maritime transport in bulk according                                 | g to IMO instruments      |

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

6'-Aminocinchonine



| Date of issue:    | 14.08.2020 |
|-------------------|------------|
| Revision date:    | 15.04.2025 |
| Version:          | 2          |
| Replaces version: | 1          |

#### SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

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

Contains no substance(s) listed on REACH Annex XIV (Authorisation List).

#### **REACH Candidate List (SVHC)**

Contains no substance(s) listed on the REACH Candidate List.

#### **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 (2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer).

#### 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).

#### 15.1.2. National regulations

No additional information available

#### 15.2. Chemical safety assessment

For this substance a chemical safety assessment was not carried out.

| SECTION 16: Other information        |   |
|--------------------------------------|---|
| Data source                          | : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE<br>COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and<br>mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending<br>Regulation (EC) No 1907/2006 |
| Changes compared to earlier Versions | : Section 1.1 + 1.4<br>Section 2.3<br>Section 11.2<br>Section 12.6  |

#### Abbreviations and acronyms:

| ADN   | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways   |
|-------|---|
| ADR   | European Agreement concerning the International Carriage of Dangerous Goods by Road               |
| BCF   | Bioconcentration factor   |
| DNEL  | Derived-No Effect Level   |
| EC50  | Median effective concentration  |
| ΙΑΤΑ  | International Air Transport Association   |
| IMDG  | International Maritime Dangerous Goods  |
| LC50  | Median lethal concentration   |
| LD50  | Median lethal dose  |
| NOEC  | No-Observed Effect Concentration  |
| NOAEL | No-Observed Adverse Effect Level  |
| NOAEC | No-Observed Adverse Effect Concentration  |
| LOAEL | Lowest Observed Adverse Effect Level  |
| PBT   | Persistent Bioaccumulative Toxic  |
| PNEC  | Predicted No-Effect Concentration   |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 |
| STP   | Sewage treatment plant  |
|       | · · · · ·   |

Section 15.1.1

#### 6'-Aminocinchonine



| Date of issue:    | 14.08.2020 |
|-------------------|------------|
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| vPvB                    | Very Persistent and Very Bioaccumulative |
|-------------------------|--|
| Full text of H- and EUH | -statements:                             |
| Acute Tox. 3 (Oral)     | Acute toxicity (oral), Category 3        |
| Skin Sens. 1A           | Sensitisation - Skin, Category 1A        |
| H301                    | Toxic if swallowed                       |
| H317                    | May cause an allergic skin reaction      |

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.