

Amitriptyline hydrochloride

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Issue date: 03/04/2023 Revision date: 11/12/2025 Supersedes version of: 03/04/2023 Version: 2.0

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

1.1. Product identifier

Product form : Substance
Substance name : Amitriptyline hydrochloride
Chemical name : Amitriptyline hydrochloride
EC-No. : 208-964-6
CAS-No. : 549-18-8
Product code : 201600048

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

Relevant identified uses

Use of the substance/mixture : Scientific research and development
Technical testing and analysis
For professional use only
Function or use category : Laboratory chemicals

Uses advised against

Restrictions on use : Not for food, drug or home use

1.3. Details of the supplier of the safety data sheet

European Directorate for the Quality of Medicines & Healthcare
EDQM, Council of Europe
7, Allée Kastner, CS30026
F 67081 Strasbourg
France
T +33(0)388412035, F +33(0)388412771
sds@edqm.eu, www.edqm.eu

1.4. Emergency telephone number

Emergency number : +33(0)390215608

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Endocrine disruptor for human health, Category 2 EUH381
Acute toxicity (oral), Category 3 H301
Serious eye damage/eye irritation, Category 1 H318
Reproductive toxicity, Category 2 H361
Reproductive toxicity, Additional category, Effects on or via lactation H362
Specific target organ toxicity – Single exposure, Category 3, Narcosis H336
Specific target organ toxicity – Repeated exposure, Category 2 H373
Hazardous to the aquatic environment – Acute Hazard, Category 1 H400
Hazardous to the aquatic environment – Chronic Hazard, Category 1 H410
Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

Toxic if swallowed. Very toxic to aquatic life with long lasting effects. Suspected of damaging fertility or the unborn child. May cause harm to breast-fed children. Causes serious eye damage. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure.

Amitriptyline hydrochloride

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



Signal word (CLP)

: Danger

Hazard statements (CLP)

: EUH381 - Suspected of causing endocrine disruption in humans.
H301 - Toxic if swallowed.
H318 - Causes serious eye damage.
H336 - May cause drowsiness or dizziness.
H361 - Suspected of damaging fertility or the unborn child.
H362 - May cause harm to breast-fed children.
H373 - May cause damage to organs (cardiovascular system, endocrine system) through prolonged or repeated exposure.
H410 - Very toxic to aquatic life with long lasting effects.

Precautionary statements (CLP)

: P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
P263 - Avoid contact during pregnancy and while nursing.
P264 - Wash hands, forearms and face thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P271 - Use only outdoors or in a well-ventilated area.
P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P301+P310 - IF SWALLOWED: Immediately call a doctor.
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 - IF exposed or concerned: Get medical advice/attention.
P310 - Immediately call a POISON CENTER or doctor.
P312 - Call a POISON CENTRE or doctor if you feel unwell.
P321 - Specific treatment (see supplemental first aid instruction on this label).
P330 - Rinse mouth.
P391 - Collect spillage.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P405 - Store locked up.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Labelling according to: Exemption for inner packaging where the contents do not exceed 10ml.

Hazard pictograms (CLP)



2.3. Other hazards

The substance is included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is 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

Other information

: Active substance (in pharmaceutical products) (Psychotropic substance).
Warning - substance not yet tested completely.

Amitriptyline hydrochloride

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

SECTION 3: Composition/information on ingredients

3.1. Substances

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|--|-------|---|
| Amitriptyline hydrochloride substance identified as having endocrine disrupting properties | CAS-No.: 549-18-8 EC-No.: 208-964-6 | ≤ 100 | ED HH 2, EUH381 Acute Tox. 3 (Oral), H301 (ATE=240 mg/kg bodyweight) Eye Dam. 1, H318 Repr. 2, H361 Lact., H362 STOT SE 3, H336 STOT RE 2, H373 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------------------------|---|
| First-aid measures general | : In all cases of doubt, or when symptoms persist, seek medical attention. |
| First-aid measures after inhalation | : Remove person to fresh air and keep comfortable for breathing. Allow the victim to rest. If the person feels unwell : Get medical advice/attention. |
| First-aid measures after skin contact | : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. |
| First-aid measures after eye contact | : Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 minutes minimum). Remove contact lenses, if present and easy to do. Continue rinsing. Consult an eye specialist immediately. |
| First-aid measures after ingestion | : Rinse mouth out with water (only if the person is conscious). Never give anything by mouth to an unconscious person. Immediately call a POISON CENTER/doctor. |

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

| | |
|------------------------------------|---|
| Symptoms/effects after eye contact | : Causes serious eye damage. Redness, pain. |
|------------------------------------|---|

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|--------------------------------|---|
| Suitable extinguishing media | : Use extinguishing media appropriate for surrounding fire. Carbon dioxide. Water spray. Dry powder. Extinguishing blanket. |
| Unsuitable extinguishing media | : Do not use a heavy water stream. |

5.2. Special hazards arising from the substance or mixture

| | |
|--|--|
| Hazardous decomposition products in case of fire | : Incomplete combustion releases dangerous carbon monoxide, carbon dioxide and other toxic gases. Toxic fumes may be released. |
|--|--|

5.3. Advice for firefighters

| | |
|--------------------------------|--|
| Firefighting instructions | : Prevent fire fighting water from entering the environment. |
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |

Amitriptyline hydrochloride

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid contact with skin, eyes and clothing.

For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

For containment : Absorb with an inert material and place in an appropriate waste disposal container.

Methods for cleaning up : Clean contaminated surfaces with an excess of water. Clean with the help of detergents.

6.4. Reference to other sections

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Do not expose pregnant or breastfeeding women.

Precautions for safe handling : Avoid all unnecessary exposure. Ensure good ventilation of the work station.

Hygiene measures : Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Wash hands before work breaks and after finishing work.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep container tightly closed. Keep away from heat and direct sunlight.

Packaging materials : Keep in original containers.

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

Appropriate engineering controls:

Ensure good ventilation of the work station. Both local exhaust and general room ventilation are usually required. Material should be handled in a laboratory hood whenever possible.

Personal protection equipment

Eye and face protection

Eye protection:

Wear eye protection. Safety glasses with side shields. (EN 166)

Amitriptyline hydrochloride

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Skin protection

Skin and body protection:

Wear suitable protective clothing. Laboratory use : Lab coat. (EN 13034)

Hand protection:

Wear suitable gloves. Chemically resistant protective gloves. (EN 374)

Respiratory protection

Respiratory protection:

In case of dust formation use respirator with filter: P3

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|-------------------------------------|
| Physical state | : Solid |
| Colour | : white. almost white. |
| Appearance | : Powder. Crystals. |
| Molecular mass | : 313,9 g/mol |
| Odour | : Not available |
| Odour threshold | : Not available |
| Melting point | : 196 – 197 °C |
| Freezing point | : Not available |
| Boiling point | : Not available |
| Flammability | : Not available |
| Lower explosion limit | : Not applicable |
| Upper explosion limit | : Not applicable |
| Flash point | : Not applicable |
| Auto-ignition temperature | : Not applicable |
| Decomposition temperature | : Not available |
| pH | : 5 – 6 (1% (w/v) Aqueous solution) |
| pH solution | : Not available |
| Viscosity, kinematic | : Not applicable |
| Solubility | : Water: 100 – 1000 g/l |
| Partition coefficient n-octanol/water (Log Kow) | : Not available |
| Vapour pressure | : Not available |
| Vapour pressure at 50°C | : Not available |
| Density | : Not available |
| Relative density | : Not available |
| Relative vapour density at 20°C | : Not applicable |
| Particle size | : Not available |

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

No additional information available

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

No additional information available

Amitriptyline hydrochloride

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Toxic if swallowed.
Acute toxicity (dermal) : Not classified (Lack of data)
Acute toxicity (inhalation) : Not classified (Lack of data)

Amitriptyline hydrochloride (549-18-8)

| | |
|-----------------------------------|--|
| LD50 oral rat | 240 mg/kg (RTECS No HO9450000) |
| Skin corrosion/irritation | : Not classified (Based on available data, the classification criteria are not met) pH: 5 – 6 (1% (w/v) Aqueous solution) |
| Serious eye damage/irritation | : Causes serious eye damage. pH: 5 – 6 (1% (w/v) Aqueous solution) |
| Respiratory or skin sensitisation | : Not classified (Lack of data) |
| Germ cell mutagenicity | : Not classified (Based on available data, the classification criteria are not met) |
| Carcinogenicity | : Not classified (Lack of data) |
| Reproductive toxicity | : Suspected of damaging fertility or the unborn child. May cause harm to breast-fed children. |
| STOT-single exposure | : May cause drowsiness or dizziness. |
| STOT-repeated exposure | : May cause damage to organs (cardiovascular system, endocrine system) through prolonged or repeated exposure. |
| Aspiration hazard | : Not classified (Lack of data) |

11.2. Information on other hazards

Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties : Has an endocrine mode of action, i.e. it alters the function(s) of the endocrine system

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Very toxic to aquatic life.
Hazardous to the aquatic environment, long-term (chronic) : Very toxic to aquatic life with long lasting effects.

Amitriptyline hydrochloride (549-18-8)

| | |
|----------------------|---|
| LC50 - Fish [1] | 0,25 mg/l (96 Hours, Oncorhynchus mykiss (Rainbow trout)) (OECD 203 method) |
| LC50 - Fish [2] | 0,17 mg/l (5 days, Danio rerio (zebra fish)) |
| EC50 - Crustacea [1] | 0,88 mg/l (24 Hours, Streptocephalus proboscideus) |
| EC50 72h - Algae [1] | 0,16 mg/l (72 Hours, Selenastrum capricornutum (Green algae)) |

12.2. Persistence and degradability

Amitriptyline hydrochloride (549-18-8)

| | |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

Amitriptyline hydrochloride

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : The substance is identified for having endocrine disrupting properties but there is no additional data available (see section 2.3)

12.7. Other adverse effects

No additional information available

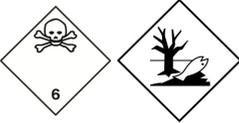
SECTION 13: Disposal considerations

13.1. Waste treatment methods

No additional information available

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

| ADR | IMDG | IATA |
|---|---|---|
| 14.1. UN number or ID number | | |
| UN 2811 | UN 2811 | UN 2811 |
| 14.2. UN proper shipping name | | |
| TOXIC SOLID, ORGANIC, N.O.S. | TOXIC SOLID, ORGANIC, N.O.S. | Toxic solid, organic, n.o.s. |
| Transport document description | | |
| UN 2811 TOXIC SOLID, ORGANIC, N.O.S., 6.1, III, (E), ENVIRONMENTALLY HAZARDOUS | UN 2811 TOXIC SOLID, ORGANIC, N.O.S., 6.1, III, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS | UN 2811 Toxic solid, organic, n.o.s., 6.1, III, ENVIRONMENTALLY HAZARDOUS |
| 14.3. Transport hazard class(es) | | |
| 6.1 | 6.1 | 6.1 |
|  |  |  |
| 14.4. Packing group | | |
| III | III | III |
| 14.5. Environmental hazards | | |
| Dangerous for the environment: Yes | Dangerous for the environment: Yes Marine pollutant: Yes EmS-No. (Fire): F-A EmS-No. (Spillage): S-A | Dangerous for the environment: Yes |
| No supplementary information available | | |

Amitriptyline hydrochloride

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

14.6. Special precautions for user

Overland transport

| | |
|---|---------------------------|
| Classification code (ADR) | : T2 |
| Special provisions (ADR) | : 274, 614 |
| 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 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, unloading and handling (ADR) | : CV13, CV28 |
| Special provisions for carriage - Operation (ADR) | : S9 |
| Hazard identification number (Kemler No.) | : 60 |
| Orange plates | : |



Tunnel restriction code (ADR) : E

Transport by sea

| | |
|------------------------------------|---|
| Special provisions (IMDG) | : 223, 274 |
| Limited quantities (IMDG) | : 5 kg |
| Excepted quantities (IMDG) | : E1 |
| Packing instructions (IMDG) | : P002 |
| IBC packing instructions (IMDG) | : IBC08 |
| IBC special provisions (IMDG) | : B3 |
| Tank instructions (IMDG) | : T1 |
| Tank special provisions (IMDG) | : TP33 |
| Stowage category (IMDG) | : A |
| Properties and observations (IMDG) | : Toxic if swallowed, by skin contact or by inhalation. |

Air transport

| | |
|--|----------|
| PCA Excepted quantities (IATA) | : E1 |
| PCA Limited quantities (IATA) | : Y645 |
| PCA limited quantity max net quantity (IATA) | : 10kg |
| PCA packing instructions (IATA) | : 670 |
| PCA max net quantity (IATA) | : 100kg |
| CAO packing instructions (IATA) | : 677 |
| CAO max net quantity (IATA) | : 200kg |
| Special provisions (IATA) | : A3, A5 |
| ERG code (IATA) | : 6L |

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

EU-Regulations

REACH Annex XVII (Restriction List)

Not listed on REACH Annex XVII

Amitriptyline hydrochloride

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

REACH Annex XIV (Authorisation List)

Not listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Not listed on the REACH Candidate List

Ozone Regulation (1005/2009)

Not listed on the Ozone Depletion list (Regulation EU 1005/2009)

Council Regulation (EC) for the control of dual-use items

Not listed on the COUNCIL REGULATION (EC) of dual-use items.

Explosives Precursors Regulation (EU 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 (EC 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)

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

| Indication of changes | | |
|-----------------------|---|----------|
| Section | Changed item | Comments |
| | UN-No. (RID) | Added |
| | Number of blue cones/lights (ADN) | Added |
| | Equipment required (ADN) | Added |
| | Carriage permitted (ADN) | Added |
| | Excepted quantities (ADN) | Added |
| | Limited quantities (ADN) | Added |
| | Danger labels (ADN) | Added |
| | Classification code (ADN) | Added |
| | Proper Shipping Name (RID) | Added |
| | Hazard identification number (RID) | Added |
| | Colis express (express parcels) (RID) | Added |
| | Special provisions for carriage - Loading, unloading and handling (RID) | Added |
| | Special provisions for carriage – Bulk (RID) | Added |
| | Transport category (RID) | Added |
| | Special provisions for RID tanks (RID) | Added |
| | Tank codes for RID tanks (RID) | Added |
| | Portable tank and bulk container special provisions (RID) | Added |
| | Portable tank and bulk container instructions (RID) | Added |
| | Mixed packing provisions (RID) | Added |
| | Special packing provisions (RID) | Added |

Amitriptyline hydrochloride

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Indication of changes | | |
|-----------------------|--|-----------------|
| Section | Changed item | Comments |
| | Packing instructions (RID) | Added |
| | Excepted quantities (RID) | Added |
| | Limited quantities (RID) | Added |
| | Special provisions (RID) | Added |
| | Packing group (RID) | Added |
| | Classification code (RID) | Added |
| | Flash point (IMDG) | Removed |
| | Revision date | Added |
| | Adverse health effects caused by endocrine disrupting properties | Added |
| | Supersedes version of | Added |
| 1.1 | EC-No. | Added |
| 1.1 | CAS-No. | Added |
| 1.1 | Synonyms | Removed |
| 1.1 | Name | Modified |
| 1.2 | Restrictions on use | Modified |
| 1.2 | Use of the substance/mixture | Modified |
| 1.2 | Main use category | Removed |
| 2.1 | Adverse physicochemical, human health and environmental effects | Modified |
| 2.1 | Classification according to Regulation (EC) No. 1272/2008 [CLP] | Modified |
| 2.2 | Hazard statements (CLP) | Modified |
| 2.2 | Hazard pictograms (CLP) | Modified |
| 2.2 | Precautionary statements (CLP) | Modified |
| 2.3 | Other information | Added |
| 4.1 | First-aid measures general | Added |
| 4.1 | First-aid measures after skin contact | Modified |
| 4.1 | First-aid measures after inhalation | Modified |
| 4.1 | First-aid measures after ingestion | Modified |
| 4.1 | First-aid measures after eye contact | Modified |
| 4.2 | Symptoms/effects after eye contact | Modified |
| 4.2 | Symptoms/effects after ingestion | Removed |
| 4.2 | Symptoms/effects after skin contact | Removed |
| 4.2 | Symptoms/effects after inhalation | Removed |
| 4.3 | Other medical advice or treatment | Removed |
| 5.1 | Unsuitable extinguishing media | Added |
| 5.1 | Suitable extinguishing media | Modified |

Amitriptyline hydrochloride

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Indication of changes | | |
|-----------------------|--|-----------------|
| Section | Changed item | Comments |
| 5.2 | Hazardous decomposition products in case of fire | Added |
| 5.2 | Fire hazard | Removed |
| 5.3 | Protection during firefighting | Added |
| 5.3 | Firefighting instructions | Modified |
| 6.1 | Protective equipment | Added |
| 6.1 | Emergency procedures | Added |
| 6.1 | General measures | Modified |
| 6.2 | Environmental precautions | Added |
| 6.3 | For containment | Added |
| 6.3 | Methods for cleaning up | Modified |
| 6.4 | Reference to other sections (8, 13) | Added |
| 7.1 | Additional hazards when processed | Modified |
| 7.1 | Precautions for safe handling | Modified |
| 7.1 | Hygiene measures | Modified |
| 7.2 | Storage conditions | Modified |
| 7.2 | Packaging materials | Added |
| 7.2 | Technical measures | Removed |
| 7.3 | Specific end uses | Removed |
| 8.2 | Respiratory protection | Modified |
| 8.2 | Hand protection | Modified |
| 8.2 | Eye protection | Modified |
| 8.2 | Appropriate engineering controls | Modified |
| 8.2 | Skin and body protection | Modified |
| 9 | Melting point | Added |
| 9 | pH | Added |
| 9 | Molecular mass | Added |
| 9 | Colour | Added |
| 9 | Appearance | Modified |
| 9 | Odour | Removed |
| 10.1 | Reactivity | Removed |
| 10.5 | Incompatible materials | Removed |
| 10.6 | Hazardous decomposition products | Removed |
| 11.1 | ATE CLP (oral) | Modified |
| 11.1 | LD50 oral rat | Added |
| 12.1 | EC50 - Crustacea [1] | Added |
| 12.1 | LC50 - Fish [2] | Added |
| 12.1 | LC50 - Fish [1] | Added |

Amitriptyline hydrochloride

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Indication of changes | | |
|-----------------------|--|----------|
| Section | Changed item | Comments |
| 12.1 | EC50 72h - Algae [1] | Added |
| 12.1 | Ecology - general | Removed |
| 13.1 | Product/Packaging disposal recommendations | Removed |
| 13.1 | Regional waste regulation | Removed |
| 14.1 | UN-No. (ADN) | Added |
| 14.2 | Proper Shipping Name (ADN) | Added |
| 14.3 | Danger labels (RID) | Added |
| 14.4 | Packing group (ADN) | Added |
| 14.6 | Special provisions (ADN) | Added |

| Full text of H- and EUH-statements: | |
|-------------------------------------|--|
| Acute Tox. 3 (Oral) | Acute toxicity (oral), Category 3 |
| Aquatic Acute 1 | Hazardous to the aquatic environment – Acute Hazard, Category 1 |
| Aquatic Chronic 1 | Hazardous to the aquatic environment – Chronic Hazard, Category 1 |
| ED HH 2 | Endocrine disruptor for human health, Category 2 |
| EUH381 | Suspected of causing endocrine disruption in humans. |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| H301 | Toxic if swallowed. |
| H318 | Causes serious eye damage. |
| H336 | May cause drowsiness or dizziness. |
| H361 | Suspected of damaging fertility or the unborn child. |
| H362 | May cause harm to breast-fed children. |
| H373 | May cause damage to organs (cardiovascular system, endocrine system) through prolonged or repeated exposure. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| Lact. | Reproductive toxicity, Additional category, Effects on or via lactation |
| Repr. 2 | Reproductive toxicity, Category 2 |
| STOT RE 2 | Specific target organ toxicity – Repeated exposure, Category 2 |
| STOT SE 3 | Specific target organ toxicity – Single exposure, Category 3, Narcosis |

Safety Data Sheet (SDS), EU

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