

## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 09.08.2021

Version number 2.00

Revision: 09.08.2021

### \* 1 Identification of the substance/mixture and of the company/undertaking

- **Product identifier**
- **Trade name:** Amfetamine sulphate, API
- **Article number:** 4806
- **CAS Number:**  
60-13-9
- **EC number:**  
200-457-8
- **Registration number** The substance is exempt from REACH-registration.
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the mixture**  
Ingredient for pharmaceutical drugs or active pharmaceutical ingredient.
- **Uses advised against** No relevant information available.
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
CAELO  
Caesar & Loretz GmbH  
Herderstr. 31  
D-40721 Hilden  
GERMANY
- **Further information obtainable from:**  
E-mail: info@caelo.de  
Tel.: +49210349940 (during regular opening hours)
- **Emergency telephone number:**  
Poison Information Center Bonn  
Venusberg-Campus 1, 53127 Bonn  
Tel: +49 (0) 228-192400

### 2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
Acute Tox. 3 H301 Toxic if swallowed.
- **Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
The substance is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



GHS06

- **Signal word** Danger

(Contd. on page 2)



## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 09.08.2021

Version number 2.00

Revision: 09.08.2021

**Trade name: Amfetamine sulphate, API**

(Contd. of page 1)

**· Hazard statements**

H301 Toxic if swallowed.

**· Precautionary statements**

P264 Wash thoroughly after handling.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P321 Specific treatment (see on this label).

P330 Rinse mouth.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**· Other hazards****· Results of PBT and vPvB assessment****· PBT:** Not applicable.**· vPvB:** Not applicable.

### 3 Composition/information on ingredients

**· Chemical characterisation: Substances****· CAS No. Description**

60-13-9 amphetamine sulphate

**· Identification number(s)****· EC number:** 200-457-8

### 4 First aid measures

**· Description of first aid measures****· After inhalation:** Fresh air. If irritation of respiratory ways continues seek medical advice.**· After skin contact:** Generally the product does not irritate the skin.**· After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**· After swallowing:**

Rinse mouth with plenty of water.

Do not induce vomiting; call for medical help immediately.

**· Information for doctor:****· Most important symptoms and effects, both acute and delayed**

No further relevant information available.

**· Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

### 5 Firefighting measures

**· Extinguishing media****· Suitable extinguishing agents:**

All regular extinguishing media can be used.

Use fire extinguishing methods suitable to surrounding conditions.

**· Special hazards arising from the substance or mixture**

Combustible. In case of fire dangerous vapours/gases can be generated: Smoke gases.

**· Advice for firefighters****· Protective equipment:** In case of fire wear suitable protective clothes and respiratory protection.

(Contd. on page 3)



## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 09.08.2021

Version number 2.00

Revision: 09.08.2021

---

**Trade name: Amfetamine sulphate, API**

---

(Contd. of page 2)

**· Additional information**

Prevent from entering into drains. Fire residues must be disposed in accordance with official regulations.

---

### 6 Accidental release measures

**· Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

**· Environmental precautions:** Do not allow to enter sewers/ surface or ground water.**· Methods and material for containment and cleaning up:**

Take up dry. Clean up with water.

Dispose contaminated material as waste according to item 13.

**· Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

---

### 7 Handling and storage

**· Handling:****· Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

Provide eye rinsing kit.

**· Information about fire - and explosion protection:** No special measures required.**· Conditions for safe storage, including any incompatibilities****· Storage:****· Requirements to be met by storerooms and receptacles:**

Store in a cool location.

Tightly closed.

**· Information about storage in one common storage facility:** Not required.**· Further information about storage conditions:**

Store receptacle in a well ventilated area.

Protect from exposure to the light.

**· Storage class:** TRHS 510: 6.1 A Combustible, acutely toxic substances**· Specific end use(s)** No further relevant information available.

---

### 8 Exposure controls/personal protection

**· Additional information about design of technical facilities:** No further data; see item 7.**· Control parameters****· Ingredients with limit values that require monitoring at the workplace:** Not required.**· Exposure controls****· Personal protective equipment:****· General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

**· Respiratory protection:** Dust protection mask.**· Protection of hands:** Protective gloves

(Contd. on page 4)



## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 09.08.2021

Version number 2.00

Revision: 09.08.2021

---

**Trade name: Amfetamine sulphate, API**

---

(Contd. of page 3)

**· Material of gloves**

Rubber gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

**· Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**· Eye protection:** Tightly sealed goggles**· Body protection:** Protective work clothing

---

## 9 Physical and chemical properties

**· Information on basic physical and chemical properties****· General Information****· Appearance:****Form:** Crystalline powder**Colour:** White**· Odour:** Odourless**· Odour threshold:** Not determined.**· pH-value (100 g/l) at 20 °C:** 5–6**· Change in condition****Melting point/freezing point:** 300 °C**Initial boiling point and boiling range:** Undetermined.**· Flash point:** Not applicable.**· Flammability (solid, gas):** Product is not flammable.**· Decomposition temperature:** Not determined.**· Auto-ignition temperature:** Not determined.**· Explosive properties:** Product does not present an explosion hazard.**· Explosion limits:****Lower:** Not determined.**Upper:** Not determined.**· Vapour pressure:** Not applicable.**· Density:** Not determined.**· Relative density** Not determined.**· Vapour density** Not applicable.**· Evaporation rate** Not applicable.**· Solubility in / Miscibility with water:**

Not determined.

**· Partition coefficient: n-octanol/water:** Not determined.**· Viscosity:****Dynamic:** Not applicable.**Kinematic:** Not applicable.

(Contd. on page 5)



## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 09.08.2021

Version number 2.00

Revision: 09.08.2021

---

**Trade name: Amfetamine sulphate, API**

---

(Contd. of page 4)

- **Other information** No further relevant information available.
- 

### 10 Stability and reactivity

- **Reactivity** No further relevant information available.
  - **Chemical stability**
  - **Thermal decomposition / conditions to be avoided:** To avoid thermal decomposition do not overheat.
  - **Possibility of hazardous reactions** No dangerous reactions known.
  - **Conditions to avoid** No further relevant information available.
  - **Incompatible materials:**
    - Strong oxidizing agents
    - Alkalis
    - Acids
  - **Hazardous decomposition products:**
    - Carbon monoxide and carbon dioxide
    - Sulphur oxides (SO<sub>x</sub>)
    - Nitrogen oxides
- 

### 11 Toxicological information

- **Information on toxicological effects**
  - **Acute toxicity**
    - Toxic if swallowed.
  - **LD/LC50 values relevant for classification:**
    - Oral LD50 55 mg/kg (rat)
  - **Primary irritant effect:**
  - **Skin corrosion/irritation** Slightly irritant.
  - **Serious eye damage/irritation** Slight irritation.
  - **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
  - **Additional toxicological information:**
  - **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
  - **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
  - **Carcinogenicity** Based on available data, the classification criteria are not met.
  - **Reproductive toxicity** Based on available data, the classification criteria are not met.
  - **STOT-single exposure** Based on available data, the classification criteria are not met.
  - **STOT-repeated exposure** Based on available data, the classification criteria are not met.
  - **Aspiration hazard** Based on available data, the classification criteria are not met.
- 

### 12 Ecological information

- **Toxicity**
  - **Aquatic toxicity:**
    - LC50 28.8 mg/L /96h (Fish)
  - **Persistence and degradability** No further relevant information available.
  - **Behaviour in environmental systems:**
  - **Bioaccumulative potential** May be accumulated in organism
  - **Mobility in soil** No further relevant information available.
- 

(Contd. on page 6)



## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 09.08.2021

Version number 2.00

Revision: 09.08.2021

**Trade name: Amfetamine sulphate, API**

(Contd. of page 5)

**· Additional ecological information:****· General notes:**

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

**· Results of PBT and vPvB assessment****· PBT:** Not applicable.**· vPvB:** Not applicable.**· Other adverse effects** No further relevant information available.

### 13 Disposal considerations

**· Waste treatment methods****· Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

**· Uncleaned packaging:****· Recommendation:** Disposal must be made according to local regulations.

### 14 Transport information

**· UN-Number****· ADR, IMDG, IATA**

UN2811

**· UN proper shipping name****· ADR**

2811 TOXIC SOLID, ORGANIC, N.O.S. (amphetamine sulphate)

**· IMDG**

TOXIC SOLID, ORGANIC, N.O.S. (amphetamine sulphate)

**· IATA**

Toxic solid, organic, n.o.s. (amphetamine sulphate)

**· Transport hazard class(es)****· ADR, IMDG, IATA****· Class**

6.1 Toxic substances.

**· Label**

6.1

**· Packing group****· ADR, IMDG, IATA**

III

**· Environmental hazards:**

Not applicable.

**· Special precautions for user**

Warning: Toxic substances.

**· Hazard identification number (Kemler code):** 60**· EMS Number:**

F-A,S-A

**· Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable.

**· Transport/Additional information:****· ADR****· Limited quantities (LQ)**

5 kg

**· Transport category**

2

**· Tunnel restriction code**

E

(Contd. on page 7)



## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 09.08.2021

Version number 2.00

Revision: 09.08.2021

---

**Trade name: Amfetamine sulphate, API**

---

(Contd. of page 6)

- **IMDG**
- **Limited quantities (LQ)** 5 kg

---

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **LIST OF SUBSTANCES SUBJECT TO AUTHORISATION (ANNEX XIV)** Not listed
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Not listed
- **National regulations:**
- **Storage of hazardous substances in in nonstationary vessels (TRGS 510) (Germany)**  
TRHS 510: 6.1 A Combustible, acutely toxic substances
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

---

### 16 Other information

The information provided is based on our current level of knowledge. This MSDS has been compiled and is exclusively for this product intended.

- **Reasons for alterations** This version replaces all old versions.
- **Abbreviations and acronyms:**
  - ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
  - IMDG: International Maritime Code for Dangerous Goods
  - IATA: International Air Transport Association
  - GHS: Globally Harmonised System of Classification and Labelling of Chemicals
  - EINECS: European Inventory of Existing Commercial Chemical Substances
  - CAS: Chemical Abstracts Service (division of the American Chemical Society)
  - MAL-Code: Måleteknisk Arbejdshygiejnisk Luftbehov (Regulation for the labeling concerning inhalation hazards, Denmark)
  - LC50: Lethal concentration, 50 percent
  - LD50: Lethal dose, 50 percent
  - PBT: Persistent, Bioaccumulative and Toxic
  - vPvB: very Persistent and very Bioaccumulative
  - Acute Tox. 3: Acute toxicity – Category 3
- **\* Data compared to the previous version altered.**