

Aspirin

Revision: 04/28/2017

Supersedes Revision: 02/02/2015

according to Regulation (EC) No. 1907/2006 as amended by (EC) No. 1272/2008

Section 1. Identification of the Substance/Mixture and of the Company/Undertaking

- 1.1 Product Code:** 70260
Product Name: Aspirin
Synonyms: 2-(acetyloxy)-benzoic acid; Acetylsalicylic Acid;
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
Relevant identified uses: For research use only, not for human or veterinary use.
- 1.3 Details of the Supplier of the Safety Data Sheet:**
Company Name: Cayman Chemical Company
1180 E. Ellsworth Rd.
Ann Arbor, MI 48108
Web site address: www.caymanchem.com
Information: Cayman Chemical Company +1 (734)971-3335
- 1.4 Emergency telephone number:**
Emergency Contact: CHEMTREC Within USA and Canada: +1 (800)424-9300
CHEMTREC Outside USA and Canada: +1 (703)527-3887

Section 2. Hazards Identification

2.1 Classification of the Substance or Mixture:

Acute Toxicity: Oral, Category 4

2.2 Label Elements:



GHS Signal Word: Warning

GHS Hazard Phrases:

H302: Harmful if swallowed.

GHS Precaution Phrases:

P264: Wash (hands) thoroughly after handling.

GHS Response Phrases:

P301+312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P330: Rinse mouth.

GHS Storage and Disposal Phrases:

Please refer to Section 7 for Storage and Section 13 for Disposal information.

2.3 Adverse Human Health Harmful if swallowed.

Effects and Symptoms: Material may be irritating to the mucous membranes and upper respiratory tract.
May be harmful by inhalation or skin absorption.
May cause eye, skin, or respiratory system irritation.
To the best of our knowledge, the toxicological properties have not been thoroughly investigated.

Section 3. Composition/Information on Ingredients

| CAS # / RTECS # | Hazardous Components (Chemical Name)/ REACH Registration No. | Concentration | EC No./ EC Index No. | GHS Classification |
|----------------------|---|---------------|-------------------------|-----------------------|
| 50-78-2 VO0700000 | Acetylsalicylic acid | 100.0 % | 200-064-1 NA | Acute Tox.(O) 4: H302 |



SAFETY DATA SHEET

Aspirin

Page: 3 of 5

Revision: 04/28/2017

Supersedes Revision: 02/02/2015

50-78-2 Acetylsalicylic acid
(continued)

Britain EH40

TWA: 5 mg/m³ ()
STEL: ()**8.2 Exposure Controls:**

8.2.1 Engineering Controls Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.
(Ventilation etc.):

8.2.2 Personal protection equipment:**Eye Protection:** Safety glasses**Protective Gloves:** Compatible chemical-resistant gloves**Other Protective Clothing:** Lab coat**Respiratory Equipment** NIOSH approved respirator, as conditions warrant.**(Specify Type):****Work/Hygienic/Maintenance Practices:** Do not take internally.

Facilities storing or utilizing this material should be equipped with an eyewash and a safety shower.

Wash thoroughly after handling.

No data available.

Section 9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties**Physical States:** [] Gas [] Liquid [X] Solid**Appearance and Odor:** A crystalline solid**pH:** No data.**Melting Point:** No data.**Boiling Point:** No data.**Flash Pt:** No data.**Evaporation Rate:** No data.**Flammability (solid, gas):** No data available.**Explosive Limits:** LEL: No data. UEL: No data.**Vapor Pressure (vs. Air or mm Hg):** No data.**Vapor Density (vs. Air = 1):** No data.**Specific Gravity (Water = 1):** No data.**Solubility in Water:** No data.**Solubility Notes:** ~2.7 mg/ml in PBS (pH 7.2); ~80 mg/ml in EtOH; ~41 mg/ml in DMSO; ~30 mg/ml in DMF;**Octanol/Water Partition Coefficient:** No data.**Autoignition Pt:** No data.**Decomposition Temperature:** No data.**Viscosity:** No data.**9.2 Other Information****Percent Volatile:** No data.**Molecular Formula & Weight:** C₉H₈O₄ 180.2



SAFETY DATA SHEET

Aspirin

Page: 5 of 5

Revision: 04/28/2017

Supersedes Revision: 02/02/2015

Section 14. Transport Information

14.1 LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not dangerous goods.

DOT Hazard Class:

UN/NA Number:

14.1 LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: Not dangerous goods.

UN Number:

Hazard Class:

14.3 AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not dangerous goods.

Additional Transport Information: Transport in accordance with local, state, and federal regulations.

Section 15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

| CAS # | Hazardous Components (Chemical Name) | S. 302 (EHS) | S. 304 RQ | S. 313 (TRI) |
|---------|--------------------------------------|--------------|-----------|--------------|
| 50-78-2 | Acetylsalicylic acid | No | No | No |

| CAS # | Hazardous Components (Chemical Name) | Other US EPA or State Lists |
|---------|--------------------------------------|--|
| 50-78-2 | Acetylsalicylic acid | CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: Yes: RDTox(F) |

Regulatory Information Statement: This SDS was prepared in accordance with 29 CFR 1910.1200 and Regulation (EC) No.1272/2008.

Section 16. Other Information

Revision Date: 04/28/2017

Additional Information About This Product: No data available.

This Product:

Company Policy or Disclaimer: DISCLAIMER: This information is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.