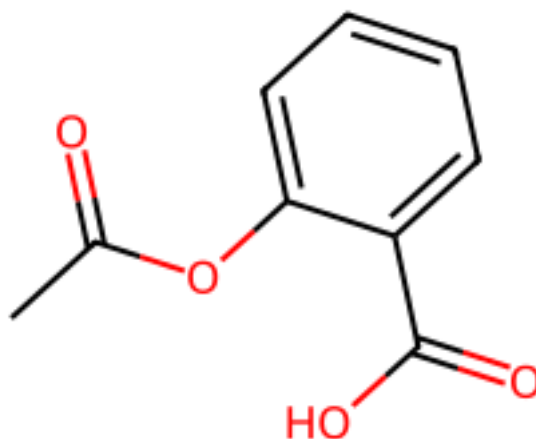


ASPIRIN

2-acetoxybenzoic acid

Formula	C ₉ H ₈ O ₄
Mol. wt.	180.0423 g/mol
InChIKey	BSYNRYMUTXBXSQ-UHFFFAOYSA-N

1. MOLECULAR STRUCTURE 2D



2. HAZARD IDENTIFICATION (GHS)

Signal word: WARNING

Hazard pictograms:



Irritant

Hazard statements (H)

- H315: Causes skin irritation [Warning Skin corrosion/irritation]

Precautionary statements (P)

- P203, P233, P260, P264, P264+P265, P270, P271, P280, P284, P301+P317, P304+P340, P305+P351+P338, P308+P316, P318, P319, P330, P332+P317, P337+P317, P342+P316, P403, P405, and P501

3. NFPA 704 SYSTEM

NFPA 704 data not available.

4. ACUTE TOXICITY

LD50 data not available.

5. RELEVANT PHYSICAL AND CHEMICAL PROPERTIES

Property	Value	Unit	Source
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Boiling point	284 °F a 760 mmHg (se descompone) (NTP, 1992)	—	pubchem_pugview
Density	1.4 (NTP, 1992) - Más denso que el agua; se hundirá	—	pubchem_pugview
LogP (experimental)	log Kow = 1.19	—	pubchem_pugview
Flash point	482 °F (NTP, 1992)	—	pubchem_pugview
Melting point	275 °F (NTP, 1992)	—	pubchem_pugview
Vapor pressure	0 mmHg (approx) (NIOSH, 2024)	—	pubchem_pugview
Water solubility	menor que 1 mg/mL a 73 °F (NTP, 1992)	—	pubchem_pugview

IMPORTANT LEGAL DISCLAIMER

This document is an INFORMATIONAL SAFETY PROPERTIES SUMMARY automatically generated from PubChem data (National Institutes of Health, USA). It is NOT an official Safety Data Sheet (SDS) and does not comply with GHS, OSHA HazCom, REACH (EU), or any equivalent national regulation. It must NOT be used as the sole reference document in industrial settings, professional laboratories, or for occupational risk assessment. Always consult the official SDS from the compound supplier and applicable local regulations before handling.

Official SDS sources:

- Sigma-Aldrich (Merck): <https://www.sigmaaldrich.com/search#q=ASPIRIN>
- Fisher Scientific: <https://www.fishersci.com/us/en/catalog/search/sds?query=ASPIRIN>
- PubChem (source data): <https://pubchem.ncbi.nlm.nih.gov/#query=ASPIRIN>
- GESTIS (database): <https://gestis-database.dguv.de/>

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