## Acetylsalicylic Acid

# **CAROLINA**®

### **Product Description**

Product Name: Recommended Use: Synonyms: Distributor:

Section 1

Section 2

Acetylsalicylic Acid Science education applications 2-Acetoxybenzoic Acid, Aspirin Carolina Biological Supply Company 2700 York Road, Burlington, NC 27215 1-800-227-1150 800-227-1150 (8am-5pm (ET) M-F) 800-424-9300 (Transportation Spill Response 24 hours)

Chemical Information: Chemtrec:

## Hazard Identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

# WARNING



Harmful if swallowed. May cause respiratory irritation. May cause drowsiness or dizziness.

#### **GHS Classification:**

Specific Target Organ Systemic Toxicity (STOT) - Single Exposure Category 3, Acute Toxicity - Oral Category 4

# Section 3Composition / Information on IngredientsChemical Name<br/>Acetylsalicylic AcidCAS #<br/>50-78-2%<br/>100

#### First Aid Measures

#### Emergency and First Aid Procedures

Inhalation: Eyes: Ingestion:

Section 4

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

#### **Section 5**

## **Firefighting Procedures**

Section 6	Spill or Leak Procedures
Hazardous Combustion Products:	Carbon dioxide, Carbon monoxide
Fire and/or Explosion Hazards:	None Known
File Fighting Methods and Frotection.	breathing apparatus.
Extinguishing Media: Fire Fighting Methods and Protection:	Use dry chemical, CO2 or appropriate foam. Firefighters should wear full protective equipment and NIOSH approved self-contained

Steps to Take in Case Material Is	No adverse health affects expected from the clean-up of spilled material. Follow personal
Released or Spilled:	protective equipment recommendations found in Section 8 of this (M)SDS. Ventilate the
	contaminated area.
	No second and the second second dependence. Only strand discound in the second

No special spill clean-up considerations. Collect and discard in regular trash.

Section 7		Handling an	d Storage			
Handling:	Avoid breathing dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Do no eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Do not breathe dust/vapor. Do not get in eyes, on skin, or on clothing. Retained residue may make empty containers hazardous; use caution. Avoid creating and inhaling dust.					
Storage:	Store in a well-ventilated place. Keep container tightly closed. Store locked up. Keep container tightly closed in a					
Storage Code:	cool, well-ventilated place. Blue - Toxic. Store separately in a secured area.					
Section 8		Protection In	formation			
		ACGIH OSHA			PEL	
Chemical Name		(TWA)	<u>(STEL)</u>	<u>(TWA)</u>	<u>(STEL)</u>	
Acetylsalicylic Aci	d	5 mg/m3 TWA	N/A	N/A	N/A	
Control Paramete	rs					
Engineering Measures:		No exposure limits exist for the constituents of this product. General room ventilation				
		might be required to mai		rt under normal condition	ons of use.	
	Personal Protective Equipment (PPE): Lab coat, apron, eye wash, safety shower.					
Respiratory Protection:	ection:	No respiratory protection required under normal conditions of use.				
Skin Protection:	No data. Wear safety glasses with side shields and a Face shield Avoid skin contact by wearing chemically resistant gloves, an apron and other protective					
	equipment depending upon conditions of use. Inspect gloves for chemical break-through					
		and replace at regular in	tervals. Clean protect	tive equipment regularly	/. Wash hands and	
		other exposed areas with	n mild soap and wate	r before eating, drinking	g, and when leaving	
0		work.				
Gloves:		Nitrile				

### **Section 9**

Formula: 2-CH3COOC6H4COOH Molecular Weight: 180.17 Appearance: Crystalline Solid Odor: No data available Odor Threshold: No data available pH: 3.5 at 2.5 g/l at 20 °C (68 °F) Melting Point: No data available Boiling Point: No data available Flash Point: 250 C Flammable Limits in Air: N/A

#### Physical Data

Vapor Pressure: N/A Evaporation Rate (BuAc=1): N/A Vapor Density (Air=1): N/A Specific Gravity: 1.35 Solubility in Water: Soluble Log Pow (calculated): log Pow: 1.19 Autoignition Temperature: 490 C Decomposition Temperature: No data available Viscosity: No data available Percent Volatile by Volume: N/A

#### Section 10

Reactivity: Chemical Stability: Conditions to Avoid: Hazardous Polymerization:

#### **Toxicity Data**

Routes of Entry Symptoms (Acute): Delayed Effects:

Section 11

Inhalation and ingestion. N/A No data available

Acute Toxicity: Chemical Name

**CAS Number** 

No data available

Will not occur

Stable under normal conditions.

Oral LD50

Reactivity Data

None known. Keep away from oxidizing materials and strong acids.

Dermal LD50

Inhalation LC50

Acetylsalicylic Acid	50	)-78-2	Oral LD50 Ra 1010 mg/kg Oral LD50 Do 700 mg/kg		rmined N	lot determined
Carcinogenicity:						
Chemical Name No data available	50	CAS Number 0-78-2	IARC Not listed	Not listed	ITP d N	OSHA lot listed
Chronic Effects: Mutagenicity: Teratogenicity: Sensitization: Reproductive: Target Organ Effects: Acute:	No evidence of a mutagenic effect. No evidence of a teratogenic effect (birth defect). No evidence of a sensitization effect. No evidence of negative reproductive effects. See Section 2					
Chronic:	Not listed as a carcir	nogen by IARC, N	NTP or OSHA.			
Section 12		Ec	cological D	Data		
Overview: Mobility: Persistence: Bioaccumulation: Degradability: Other Adverse Effects:	This material is not expected to be harmful to the ecology. No data No data No data No data No data No data					
Chemical Name Acetylsalicylic Acid	CAS NumberEco Toxicity50-78-248 HR EC50 DAPHNIA MAGNA > 100 MG/L					
Section 13		Disp	osal Inforr	nation		
Disposal Methods:	Dispose in accordance with all applicable Federal, State and Local regulations. Always					
Waste Disposal Code(s	contact a permitted waste disposer (TSD) to assure compliance. s): Not Determined					
Section 14		Trans	sport Infor	mation		
	F Proper Shipping Name:Air - IATA Proper Shipping Namefor ground transport by DOTNot regulated for air transport by					
Section 15		Regul	atory Info	rmation		
TSCA Status:	All components in this product are on the TSCA Inventory.					
Chemical Name	CAS Number	§ 313 Name	§ 304 RQ	CERCLA RQ	§ 302 TPQ	CAA 112(2) TQ
No data available	50-78-2	No	No	No	No	No
California Prop 65:			WARNING: Re www.P65Warni	productive Harm - ings.ca.gov	-	
Section 16					Addit Inform	

#### Revised: 08/21/2018

Replaces: 06/22/2018

#### Printed: 08-25-2018

The information provided in this (Material) Safety Data Sheet represents a compilation of data drawn directly from various sources available to us. Carolina Biological Supply makes no representation or guarantee as to the suitability of this information to a particular application of the substance covered in the (Material) Safety Data Sheet.

Glossary			
ACGIH	American Conference of Governmental	NTP	National Toxicology Program
	Industrial Hygienists	OSHA	Occupational Safety and Health Administration
CAS	Chemical Abstract Service Number	PEL	Permissible Exposure Limit
CERCLA	Comprehensive Environmental Response,	ppm	Parts per million
	Compensation, and Liability Act	RCRA	Resource Conservation and Recovery Act
DOT	U.S. Department of Transportation	SARA	Superfund Amendments and Reauthorization Act
IARC	International Agency for Research on Cancer	TLV	Threshold Limit Value
N/A	Not Available	TSCA	Toxic Substances Control Act
		IDLH	Immediately dangerous to life and health