

ACM 12408

Bayer 

MATERIAL SAFETY DATA SHEET

Consumer Care Division
Bayer Corporation, 1584 Miles Avenue, Elkhart, IN 46514
219 264-8400

For accidental ingestion, or medical
emergency, call 1-800-800-4793

Health Responsivity	HMS Code	Fire	0
	0		

SECTION 1 - IDENTITY

Common Name: (used on label)

(Trade Name & Synonyms) Original ALKA-SELTZER Antacid & Pain Reliever

Product Code: 4028, 4002
4024, 4022, 4019
4017, 4012, 4011

Chemical Name:
Active Ingredients: Aspirin 325 mg, Sodium Bicarbonate
1916 mg, Citric Acid 1000 mg (See Section 8).

Chemical Family
None

Formula
Effervescent mixture.

CAS No.
None

SECTION 2 - HAZARDOUS INGREDIENTS

Hazardous Components - (chemical & common name)

Hazard

TLV Units

Aspirin

Ingestion (oral LD50 in rats = 5g or greater/kg).

For additional information see Section 4.

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS (Fire & Explosion Data)

Boiling Point	Specific Gravity (H ₂ O = 1)	Vapor Pressure (mm Hg)
Not applicable.	Not applicable.	Not applicable.
Precip Volatile by Volume (%)	Vapor Density (Air = 1)	Expansion Ratio (= 1)
Not applicable.	Not applicable.	Not applicable.
Solubility in Water	Reactivity in Water/Air	
Not applicable.	Effervesces in contact with water, producing CO ₂ .	
Appearance and Odor	Effervescent white tablet.	
Flash Point	Flammable Limits in Air % by Volume	Auto-ignition Temperature
Not applicable.	Lower Upper Not applicable.	Not applicable.
Extinguisher Media	Water	
Special Fire Fighting Procedures	None	
Usual Fire and Explosion Hazards	None	

SECTION 4 - HEALTH HAZARDS

OSHA Permissible Exposure Limit

Not established.

ACGIH Threshold Limit Value

Not established.

Other Exposure Limit Used FDA - Aspirin 4000 mg/24 hrs for 10 days in a 70 kg person; acute toxicity may follow ingestions of 150 mg/kg.

Signs and Symptoms - Acute Overexposure Nausea, vomiting, ringing in the ears, fever, coma, respiratory alkalosis, metabolic acidosis, convulsions (see Section 8).

Signs and Symptoms - Chronic Overexposure Ringing in the ears, diminished hearing, confusion, agitation, lethargy, pulmonary edema, cardiovascular collapse (see Section 8).

Medical Conditions Generally Aggravated by Exposure Ulcers (aspirin), asthma (aspirin), predisposition to bleeding & decreased platelet function (aspirin), congestive heart failure (sodium), hypertension (sodium).

Primary Route(s) of Exposure Oral

Emergency and First Aid Procedures Contact your regional poison control center or physician immediately. Additional information may be obtained by contacting Bayer Corporation at 1-800-800-4793

Hygienic Practices Normal clinical.

Chemical Listed as Carcinogen or Potential Carcinogen None

Common Name: Original ALKA-SELTZER Antacid & Pain Reliever

SECTION 5 - PHYSICAL HAZARDS

Stability:	Unstable <input type="checkbox"/>	Conditions to Avoid
	Stable <input checked="" type="checkbox"/>	

Incompatibility (Materials to Avoid)	None
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Hazardous Decomposition Products	None
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Hazardous Polymerization	May Occur <input type="checkbox"/>	Conditions to Avoid
	Will Not Occur <input checked="" type="checkbox"/>	

SECTION 6 - SPECIAL PROTECTION INFORMATION

Respiratory Protection	None for normal use.
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Ventilation	None for normal use.	Work Practices	Not applicable.
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Protective Gloves	None for normal use.	Eye Protection	None for normal use.
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Other Protective Clothing or Equipment	None for normal use.
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SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage	None
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Steps to be Taken in Case Material is Released or Spilled	Contain for disposal.
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Waste Disposal Methods	Dispose as normal solid waste.
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SECTION 8 - ADDITIONAL INFORMATION

Alka-Seltzer in water contains principally the antacid sodium citrate and the analgesic sodium acetylsalicylate.

Classic signs and symptoms of acute and chronic salicylate overdose are listed in Section 4. However, studies indicate that plasma salicylate will not reach toxic levels following ingestion of highly buffered aspirin in solution, regardless of the dose taken. This is due to alkalization of the urine by the citrate buffer which increases the excretion of salicylate. Therefore, the classic signs and symptoms of salicylate toxicity listed in Section 4 may not be seen with overdose of this product.

Signature of Person Responsible for Preparation		Date
	Dieter Neusser, M.D., Ph.D.	Prepared March 1991

Telephone No.	219/264-8142	Date
		Revised November 1991

The opinions expressed herein are those of qualified experts within Bayer Corporation. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and these opinions and the conditions of the product are not within the control of Bayer Corporation, it is the user's obligation to determine the conditions of safe use of the product.