

**MATERIAL SAFETY DATA SHEET**

BAYER CORPORATION
CONSUMER CARE DIVISION
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TRANSPORTATION EMERGENCY

CALL CHEMTREC: 800-424-9300

DISTRICT OF COLUMBIA: 202-483-7616

NON-TRANSPORTATION

BAYER EMERGENCY PHONE...: (800) 331-4536

BAYER INFORMATION PHONE.: (800) 331-4536

1. CHEMICAL PRODUCT IDENTIFICATION:

PRODUCT NAME..... ALKA-SELTZER Effervescent Antacid

PRODUCT CODE..... 4108, 4106

CHEMICAL FAMILY..... Effervescent mixture

2. COMPOSITION/INFORMATION ON INGREDIENTS:

INGREDIENT NAME

/CAS NUMBER

EXPOSURE LIMITS

CONCENTRATION (%)

***** HAZARDOUS INGREDIENTS *****

This pharmaceutical product, available without a prescription, is for human use. These materials are not subject to the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200. This Material Safety Data Sheet is not intended for industrial exposures.

***** OTHER INGREDIENTS *****

Potassium Bicarbonate

584-08-7

OSHA : Not Established

Approx. 15 %

ACGIH: Not Established

Sodium Bicarbonate

144-55-8

OSHA : Not Established

Approx. 45 %

ACGIH: Not Established

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2. COMPOSITION/INFORMATION ON INGREDIENTS (Continued)

INGREDIENT NAME /CAS NUMBER	EXPOSURE LIMITS	CONCENTRATION (%)
Citric Acid 77-92-9	OSHA : Not Established ACGIH: Not Established	30-40 %

3. HAZARDS IDENTIFICATION:

* EMERGENCY OVERVIEW *
*
* Color: Effervescent white; Form: Solid; Tablet; Odor: *
* Odorless; Product poses little or no hazard if spilled and *
* no unusual hazard if involved in a fire; See Potential *
* Health Effects if the recommended dosage is exceeded. *

POTENTIAL HEALTH EFFECTS:

ROUTE(S) OF ENTRY.....: Appropriate route of entry: oral

HUMAN EFFECTS AND SYMPTOMS OF OVEREXPOSURE:

Alka-Seltzer in water contains principally the antacids sodium citrate and potassium citrate. NOTE: This is a pharmaceutical product available without a prescription - use only as directed. See product packaging and the Physicians Desk Reference (PDR) for further information concerning adverse effects and drug interaction precautions.

ACUTE EFFECTS OF EXPOSURE.....: Acute overexposure of this product may cause belching, gastrointestinal distention and minor gastrointestinal irritation.

CHRONIC EFFECTS OF EXPOSURE....: None known.

CARCINOGENICITY.....: The components of this product are not listed by NTP, IARC or regulated as a carcinogen by OSHA.

MEDICAL CONDITIONS

AGGRAVATED BY EXPOSURE.....: Persons with preexisting congestive heart failure (sodium), hypertension (sodium), or renal failure (potassium) may be more susceptible to the adverse effects of this product..

4. FIRST AID MEASURES:

FIRST AID FOR EYES.....: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

4. FIRST AID MEASURES (Continued)

FIRST AID FOR SKIN.....: Flush skin with plenty of soap and water. Contact a physician if irritation develops.

FIRST AID FOR INHALATION: Not applicable.

FIRST AID FOR INGESTION.: In case of overdose, contact your regional poison control center or physician immediately. For additional information, contact Bayer Corporation at 1-800-800-4793.

5. FIRE FIGHTING MEASURES:

FLASH POINT.....: Not Applicable

AUTO-IGNITION TEMPERATURE.....: Not Applicable

EXTINGUISHING MEDIA.....: Water

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.

6. ACCIDENTAL RELEASE MEASURES:

SPILL OR LEAK PROCEDURES.....: Spills should be swept up and placed in appropriate containers for disposal. Avoid creating dusty conditions.

7. HANDLING AND STORAGE:

STORAGE TEMPERATURE (MIN/MAX): Room temperature.

SHELF LIFE.....: Do not use after expiration date.

SPECIAL SENSITIVITY.....: None known.

HANDLING/STORAGE PRECAUTIONS: Keep this and all drugs out of the reach of children. Avoid contact with eyes and skin. Wash thoroughly after handling. Store in a dry place away from excessive heat. Reseal containers immediately after use. Use normal precautions for storage of a drug.

8. PERSONAL PROTECTION:

REQUIRED WORK/HYGIENE PROCEDURES...: This section is intended for industrial exposures.

EYE PROTECTION REQUIREMENTS.....: None for normal use.

SKIN PROTECTION REQUIREMENTS.....: None for normal use.

VENTILATION REQUIREMENTS.....: Under normal conditions of use, special ventilation is not required.

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8. PERSONAL PROTECTION (Continued)

RESPIRATOR REQUIREMENTS.....: Under normal conditions of use, respirators are not required.

WORK PRACTICES.....: Normal clinical practice. Use good personal hygiene - wash hands and exposed skin thoroughly with soap and water after each use.

ADDITIONAL PROTECTIVE MEASURES.....: Use good personal hygiene. Employers shall provide handwashing facilities which are readily accessible to employees. Educate and train employees in the safe use and handling of this product.

9. PHYSICAL AND CHEMICAL PROPERTIES:

PHYSICAL FORM.....: Solid

APPEARANCE.....: Tablet

COLOR.....: Effervescent white

ODOR.....: Odorless

BOILING POINT.....: Not Applicable

MELTING/FREEZING POINT.....: Not Applicable

SOLUBILITY IN WATER: Effervesces in water

SPECIFIC GRAVITY: Not Established

BULK DENSITY.....: Not Established

VAPOR PRESSURE: Not Applicable

10. STABILITY AND REACTIVITY:

STABILITY.....: This is a stable material.

HAZARDOUS POLYMERIZATION...: Will not occur.

INCOMPATIBILITIES.....: See product packaging and the Physicians' Desk Reference (PDR) for drug interaction.

INSTABILITY CONDITIONS.....: Effervesces in contact with water, producing CO2.

DECOMPOSITION PRODUCTS.....: Not Applicable.

11. TOXICOLOGICAL INFORMATION:

NO ANIMAL TOXICITY INFORMATION AVAILABLE

12. ECOLOGICAL INFORMATION:

NO ECOLOGICAL INFORMATION AVAILABLE

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD.....: Waste disposal should be in accordance with
existing federal, state and local environmental control laws.

14. TRANSPORTATION INFORMATION:

TECHNICAL SHIPPING NAME.....: Effervescent antacid
PRODUCT LABEL.....: ALKA-SELTZER Effervescent Antacid

DOT (DOMESTIC SURFACE)

HAZARD CLASS OR DIVISION: Non-Regulated

IMO / IMDG CODE (OCEAN)

HAZARD CLASS DIVISION NUMBER...: Non-Regulated

ICAO / IATA (AIR)

HAZARD CLASS DIVISION NUMBER...: Non-Regulated

15. REGULATORY INFORMATION:

OSHA STATUS.....: This material is not subject to the OSHA Hazard
Communication Standard as noted in 29 CFR
1910.1200(b)(6)(vi).

TSCA STATUS.....: This product is exempt from TSCA Regulation under
Section 3 (2)(B)(vi) when used for pharmaceutical
application.

CERCLA REPORTABLE QUANTITY...: None

SARA TITLE III:

SECTION 302 EXTREMELY

HAZARDOUS SUBSTANCES...: None

SECTION 311/312

HAZARD CATEGORIES.....: Exempt from SARA Section 311/312

SECTION 313

TOXIC CHEMICALS.....: None

RCRA STATUS.....: If discarded in its purchased form, this product
would not be a hazardous waste either by listing
or by characteristic. However, under RCRA, it is
the responsibility of the product user to
determine at the time of disposal, whether a

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15. REGULATORY INFORMATION (Continued)

material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

The following chemicals are specifically listed by individual states; other product specific health and safety data in other sections of the MSDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

COMPONENT NAME

/CAS NUMBER

CONCENTRATION

STATE CODE

Potassium Bicarbonate

584-08-7

Approx. 15 %

PA3, NJ4

Sodium Bicarbonate

144-55-8

Approx. 45 %

PA3, NJ4

Citric Acid

77-92-9

30-40 %

PA3, NJ4

NJ4 = New Jersey Other - included in 5 predominant ingredients > 1%

PA3 = Pennsylvania Non-hazardous present at 3% or greater.

ADDITIONAL INFORMATION: ACTIVE INGREDIENTS (per tablet): Sodium bicarbonate, 958 mg.; citric acid, 832 mg.; potassium bicarbonate, 312 mg. INACTIVE INGREDIENTS: Tableting aids.

16. OTHER INFORMATION:

HMIS RATINGS:

Health Flammability Reactivity

1 0 0

0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

Bayer's method of hazard communication is comprised of Product Labels and Material Safety Data Sheets. HMIS ratings are provided by Bayer as a customer service.

REASON FOR ISSUE.....: Revise section 8

PREPARED BY.....: R. Ruppel-Kerr

APPROVED BY.....: Michael C. Porter

APPROVAL DATE.....: 07/31/97

SUPERSEDES DATE.....: 07/22/97

MSDS NUMBER.....: 24497

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