MATERIAL SAFETY DATA SHEET

Bayer

Consumer Care Division
Bayer Corporation 1884 Miles Avenue, Elkhart, IN 46514
219 264 -8400

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

HMIS Code			
Health	1	Fire	0
Reactivity	0	Pers. Prot.	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 names)
Aspirin
For additional information see Section 4.

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

TLV Units

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

Boiling Point
Not applicable.

Specific Gravity (H_2O = 1)
Not applicable.

Vapor Pressure (mm hg)
Not applicable.

Percent Volatile by Volume (%)
Not applicable.

Vapor Density (Air = 1)
Not applicable.

Evaporation Rate (=1)
Not applicable.

Solubility in Water
Not applicable.

Reactivity in Water/Air
Effervesces in contact with water, producing CO_2.

Appearance and Odor Effervescent white tablet.

Flash Point
Not applicable.

Flammable Limits in Air % by Volume
Lower Upper
Not applicable.

Auto-ignition Temperature
Not applicable.

Extinguisher Media Water

Special Fire Fighting Procedures None

Unusual 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 [ ] Stable [x]	Conditions to avoid	
Incompatibility (Materials to Avoid)	None		
Hazardous Decomposition Products	None		
Hazardous Polymerization	May Occur [ ] Will Not Occur [x]	Conditions to Avoid	

SECTION 6 - SPECIAL PROTECTION INFORMATION

Respiratory Protection	None for normal use.		
Ventilation	None for normal use.	Work Practices	Not applicable.
Protective Gloves	None for normal use.	Eye Protection	None for normal use.
Other Protective Clothing or Equipment	None for normal use.		

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

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

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 alkalinization 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: Dieter Neuser, M.D., Ph.D.

Date Prepared: March 1991

Telephone No.: 219/264-8142

Date Revised: November 1991

Bayer

MATERIAL SAFETY DATA SHEET

BAYER CORPORATION
CONSUMER CARE DIVISION
36 Columbia Road
Morristown, NJ 07962-1910

TRANSPORTATION EMERGENCY
CALL CHEMTREC: 800-424-9300
INTERNATIONAL: 703-527-3887

NON-TRANSPORTATION
BAYER EMERGENCY PHONE...: (800) 743-5423
BAYER INFORMATION PHONE.: (800) 743-5423

1. CHEMICAL PRODUCT IDENTIFICATION:

PRODUCT NAME.....: Original Bayer (R) Aspirin
PRODUCT CODE.....: 114,110,111,117,112,120,113,181
CHEMICAL FAMILY.....: Analgesic

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.

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

Aspirin 50-78-2	OSHA :	5.00 mg/m3	TWA	Greater than 25 %
	ACGIH:	5.00 mg/m3	TWA	

* See Section 3 for potential health effects.

Continued on next page

3. HAZARDS IDENTIFICATION:

****
* EMERGENCY OVERVIEW *
*
* Color: White; Form: Solid; Tablets/Caplets; Odor: Slight *
* acidic; 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:
NOTE: This is a pharmaceutical material available without a prescription - use only as directed. See product packaging for further information concerning adverse effects and drug interaction precautions.

ACUTE EFFECTS OF EXPOSURE.....: Acute overexposure to this product may cause rapid or deep breathing, confusion, agitation, nausea, vomiting, diminished hearing, ringing in the ears, hemorrhage, acid/base imbalances, coma, seizures, hypotension or cardiac arrhythmias. Allergic reactions are possible with symptoms of reddening, itching, rash, swelling of the face, throat or tongue, and breathing problems. If swelling of the face, throat, tongue or breathing problems occur, seek medical attention immediately.

CHRONIC EFFECTS OF EXPOSURE...: Chronic overexposure to this product may cause effects described under acute exposure. In addition, liver and/or kidney dysfunction may result.

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 asthma, preexisting hypersensitivity to the components of this product or other pain releivers, young children, the elderly, and pregnant women may be more susceptible to the effets of this product. In addition, children and teenagers with chickenpox or flu symptoms, persons who are at risk for hemorrhage, those with a history of gastrointestinal ulcers or bleeding, who have impaired renal function, who are taking other prescription medications, or who consume more than 3 alcohol containing drinks per day may also be more susceptible to the effects of this product.

EXPOSURE LIMITS.....: FDA -- Aspirin 4000 mg/24 hrs. for 10 days in a 70 kg person; acute toxicity may follow ingestions of 150 mg/kg.

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.
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.

Continued on next page

8. PERSONAL PROTECTION:

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.
RESPIRATOR REQUIREMENTS.....: Under normal conditions of use, respiratory protection is 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.....: 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.....: Tablets/Caplets
COLOR.....: White
ODOR.....: Slight acidic
pH .....: Not Established
BOILING POINT.....: Not Applicable
MELTING/FREEZING POINT.....: Not Applicable
SOLUBILITY IN WATER .....: Soluble
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 for drug interaction.
INSTABILITY CONDITIONS.....: None known.
DECOMPOSITION PRODUCTS.....: Not Applicable.

Continued on next page

11. TOXICOLOGICAL INFORMATION:

TOXICITY DATA FOR: Aspirin
ACUTE TOXICITY
ORAL LD50.....: Greater than 1,500 mg/kg (rat)

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.....: Analgesic
PRODUCT LABEL.....: Original Bayer (R) Aspirin

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)(vii).

Continued on next page

15. REGULATORY INFORMATION (Continued)

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 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
Aspirin 50-78-2	Greater than 25 %	PA1, CA , MA, NJ1
Corn starch 9005-25-8	10-25 %	PA1, MA, NJ4

CA = California Proposition 65
MA = Massachusetts Hazardous Substance List
NJ1 = New Jersey Hazardous Substance List
NJ4 = New Jersey Other - included in 5 predominant ingredients > 1%
PA1 = Pennsylvania Hazardous Substance List

ADDITIONAL INFORMATION: ACTIVE INGREDIENT (per tablet) Aspirin, 325 mg
INACTIVE INGREDIENTS: Hydroxypropyl Methylcellulose, Starch, Triacetin.

16. OTHER INFORMATION:

HMIS RATINGS:	Health	Flammability	Reactivity
	1	0	0

Product Code: 114,110,111,117,112,120,113,181
Approval date: 04/10/2002

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16. OTHER INFORMATION (Continued)

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.....: Name Change;was Genuine Bayer (R) Aspirin
PREPARED BY.....: S. Van Volkenburg
APPROVED BY.....: Llew C. Williams
APPROVAL DATE.....: 04/10/2002
SUPERSEDES DATE.....: 06/12/1998
MSDS NUMBER.....: 34102

MATERIAL SAFETY DATA SHEET

BAYER CORPORATION
CONSUMER CARE DIVISION
36 Columbia Road
Morristown, NJ 07962-1910

TRANSPORTATION EMERGENCY
CALL CHEMTREC: 800-424-9300
INTERNATIONAL: 703-527-3887

NON-TRANSPORTATION
BAYER EMERGENCY PHONE...: (800) 743-5423
BAYER INFORMATION PHONE.: (800) 743-5423

1. CHEMICAL PRODUCT IDENTIFICATION:

PRODUCT NAME.....: Aleve
PRODUCT CODE.....: 501; 503; 505; 004
CHEMICAL FAMILY....: Analgesic
NDC NUMBER.....: 0280-6010-24; 0280-6010-50; 0280-6010-01; 0280-6010-15

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.

3. HAZARDS IDENTIFICATION:

****
* EMERGENCY OVERVIEW *
*
* Color: Light blue; Form: Solid; Caplet; 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:

3. HAZARDS IDENTIFICATION (Continued)

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

HUMAN EFFECTS AND SYMPTOMS OF OVEREXPOSURE:
NOTE: This is a pharmaceutical material available without a prescription - use only as directed. See product packaging for further information concerning adverse effects and drug interaction precautions.

ACUTE EFFECTS OF EXPOSURE.....: Overdose may cause nausea, vomiting, confusion, ringing in the ears, irregular heartbeat, headache, drowsiness, and blood pressure effects.
CHRONIC EFFECTS OF EXPOSURE...: Chronic overexposure to this product may cause effects as described under acute exposure. An allergic reaction is possible with symptoms of reddening, rash, and itching.

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 hypersensitivity to the components of this product and pregnant women may be more susceptible to the effects of this product. Persons consuming alcohol may also be more susceptible to the 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.
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
EXTINGUISHING MEDIA.....: All extinguishing media are suitable.
SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.

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6. ACCIDENTAL RELEASE MEASURES:

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

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7. HANDLING AND STORAGE:

STORAGE TEMPERATURE(MIN/MAX): Room temperature.
SHELF LIFE.....: Do not use after expiration date.
SPECIAL SENSITIVITY.....: Avoid direct sunlight.
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.

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8. PERSONAL PROTECTION:

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.
RESPIRATOR REQUIREMENTS.....: Under normal conditions of use, respiratory protection is 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.....: Employers shall provide handwashing facilities which are readily accessible to employees. Educate and train employees in the safe use and handling of this product.

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9. PHYSICAL AND CHEMICAL PROPERTIES:

PHYSICAL FORM.....: Solid
APPEARANCE.....: Caplet
COLOR.....: Light blue
ODOR.....: Odorless
pH .....: Not Established
BOILING POINT.....: Not Applicable
MELTING/FREEZING POINT....: Not Applicable
SOLUBILITY IN WATER .....: Soluble

9. PHYSICAL AND CHEMICAL PROPERTIES (Continued)

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.....: None known.
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.....: Analgesic
PRODUCT LABEL.....: Aleve

DOT (DOMESTIC SURFACE)

HAZARD CLASS OR DIVISION .....: Non-Regulated

14. TRANSPORTATION INFORMATION (Continued)

DOT (continued)

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)(vii).

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

ADDITIONAL INFORMATION: ACTIVE INGREDIENT (per caplet): Naproxen Sodium, 220 mg. INACTIVE INGREDIENTS: Magnesium Stearate, Microcrystalline cellulose, Opadry, Povidone, Talc.

16. OTHER INFORMATION:

HMIS RATINGS:	Health	Flammability	Reactivity
	1	0	0

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

16. OTHER INFORMATION (Continued)

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.....: Update format
PREPARED BY.....: R. Ruppel-Kerr
APPROVED BY.....: Llew C. Williams
APPROVAL DATE.....: 06/30/1997
SUPERSEDES DATE.....: 05/04/1995
MSDS NUMBER.....: 29404