



**MATERIAL SAFETY DATA SHEET**

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

TRANSPORTATION EMERGENCY  
CALL CHEMPREC: 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.....: Genuine 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. This Material Safety Data Sheet is not intended for industrial exposures.

\*\*\*\*\* 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.

1059

3. HAZARDS IDENTIFICATION:

```

*****
*                                     *
*                               EMERGENCY OVERVIEW                               *
*                                     *
* Color: White; Form: Solid; Tablets; 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 effects 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.

---

**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  
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.

-----  
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.....: Genuine 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).

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 1 Flammability 0 Reactivity 0

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.....: Update format  
PREPARED BY.....: R. Ruppel-Kerr  
APPROVED BY.....: Llew C. Williams  
APPROVAL DATE.....: 06/12/1998  
SUPERSEDES DATE.....: None  
MSDS NUMBER.....: 34102

-----  
This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Bayer Corporation. The data on this sheet relates only to the specific material designated herein. Bayer Corporation assumes no legal responsibility for use or reliance upon these data.  
-----

Product Code: 114,110,111,117,112,120,113,181  
Approval date: 06/12/1998

MSDS Page 7  
Last page