MATERIAL SAFETY DATA SHEET



Consumer Care Division Bayer Corporation, 1884 Miles Avenue, Elkhart, IN 46514 For accidental ingestion, or medical 219 264 -8400 Health 0 emergency, call 1-800-800-4793 Fire 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 Chemical Name: 4024, 4022, 4019 Active Ingredients: Aspirin 325 mg, Sodium Bicarbonate 4017, 4012, 4011 1916 mg, Citric Acid 1000 mg (See Section 8). Chemical Family Formula CAS No. None Effervescent mixture. None **SECTION 2 - HAZARDOUS INGREDIENTS** Hazardous Components - (chemical & common names) 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 (H₂O = 1) Vapor Pressure (mm hg) Not applicable. Not applicable. Not applicable. Percent Volatile by Volume (%) Vapor Density (Air = 1) Evaporation Rate (=1) Not applicable. Not applicable. Not applicable. Solubility in Water Reactivity in Water/Air Not applicable. Effervesces in contact with water, producing CO. Effervescent white tablet. Appearance and Odor Flash Point Flammable Limits in Air % by Volume Auto-ignition Temperature Lower Upper Not applicable. Not applicable. Not applicable. Extinguisher Media Water Special Fire Fighting Procedures None Unusual Fire and Explosion Hazards None SECTION 4 - HEALTH HAZARDS OSHA Permissible Exposure Limit ACGIH Threshold Limit Value Not established. 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 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 Hygicuic 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 Conditions to avoid Stable [x]Incompatibility (Materials to Avoid) None Hazardoua Decomposition Products None Hazardous May Occur Conditions to Avoid **Polymerization** Will Not Occur [x] SECTION 6 - SPECIAL PROTECTION INFORMATION Respiratory Protection None for normal use. Ventilation **Work Practices** None for normal use. Not applicable. Protective Gloves Eve Protection None for normal use. None for normal use. Other Protective Clothing or Equipment None for normal use. SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES Procautions 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 Deta Responsible for Preparation Prepared March 1991 Dieter Neuser, M.D., Ph.D. Telephone No. Date 219/264-8142 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.



MATERIAL SAFETY DATA SHEET

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

TRANSPORTATION EM CALL CHEMTREC: INTERNATIONAL:	800-424-9300 703-527-3897	NON-TRANSPORTATION BAYER EMERGENCY PHONE. BAYER INFORMATION PHONE	·-: (800) 743-5423 E.: (800) 743-5423
1. CHEMICAL PRO	ODUCT TOENTTETCATION		
PRODUCT NAME PRODUCT CODE CHEMICAL FAMILY	: Original Bayer : 114,110,111,117,	,112,120,113,181	
	THEORIGINES ON THESE	EDIENTS:	
INGREDIENT NAME /CAS NUMBER	EXPOSURE LIMITS		
***	HAZARDOUS INGREDIENT	'S *****	
This pharmaceu use. These ma Communication	tical product, avail terials are not subj Standard 29 CFR 1910	able without a prescript ect to the Federal OSHA 1 .1200.	ion, is for human Hazard
****	OTHER INGREDIENTS	****	
epirin			
50-78-2 OSHZ ACG	A: 5.00 mg/m3 m H: 5.00 mg/m3 m r potential health ef	מעות	Greater than 25 %

Product Code: 114,110,111,117,112,120,113,181

Approval date: 04/10/2002

MSDS Page 1 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.

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

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4
4. FIRST AID MEASURES:
PIDOT ATT HOD From
FIRST AID FOR EYES: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.
plenty of water for at least 15 minutes. Call a physician.
The state of the s
physician if irritation develops.
FIRST AID FOR INHALATION: Not applicable.
THRST AID FOR INGESTION : In case of over-
contact Bayer Corporation at 1-800-800-4793.
5 PIDE BIOLOGIA
5. FIRE FIGHTING MEASURES:
DI A Ott. No The
AUTO-IGNITION TEMPERATURE Not Applicable
TORTITON TEMPERATURE Not Appliants
and output Modify.
SPECIAL FIRE FIGHTING PROCEDURES. Firefighters about a
irritating fumes.
5 ACCIDINATE DOLLAR DESCRIPTION OF THE PROPERTY OF THE PROPERT
ACCIDENTAL RELEASE MEASURES:
appropriate containers for dispers!
appropriate containers for disposal. Avoid creating dusty conditions.
to the transfer of the transfe
7. HANDLING AND SMODAGE
A TO THE MINE STORAGE:
STORAGE TEMPERATURE (MIN/MAX): Room temperature.
Do not want to be
MANUBING/STOKAGE PRECAUTIONS: Keep this and all down
immediately after use. Use normal precautions for storage of a drug.
- """ at a corage of a drug.

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

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------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. 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 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.

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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).
Product Code: 114,110,111,117,112,120,113,181 MSDS Page 5 Approval date: 04/10/2002 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 c 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 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

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

Product Code: 114,110,111,117,112,120,113,181 MSDS Page 7
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Product Code: 501; 503; 505; 004

Approval date: 06/30/1997

MATERIAL SAFETY DATA SHEET

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Continued on next page

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

TRANSPORTATION EMERGENCY	NON-TRANSPORTATION
CALL CHEMTREC: 800-424-93	
	87 BAYER INFORMATION PHONE.: (800) 743-5423
1. CHEMICAL PRODUCT IDENTIFICA	TION:
	4; 0280-6010-50; 0280-6010-01; 0280-6010-15
2. COMPOSITION/INFORMATION ON	
INGREDIENT NAME	
/CAS NUMBER EXPOSURE LIMIT	CONCENTRATION (%)
use. These materials are not	available without a prescription, is for human subject to the Federal OSHA Hazard R 1910.1200. This Material Safety Data Sheet
3. HAZARDS IDENTIFICATION:	

	rm: Solid; Caplet; Odor: Odorless; *
	r no hazard if spilled and no unusual *
* if the recommended dos	a lite, bee fotential nearth bilects
	* * * * * * * * * * * * * * * * * * *
POTENTIAL HEALTH EFFECTS:	

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.

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.

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.

Product Code: 501; 503; 505; 004

Approval date: 06/30/1997

MSDS Page 2 Continued on next page

6.	ACCIDENTAL RELEASE MEASURES:
SPILI	OR LEAK PROCEDURES: Spills should be swept up and placed in appropriate containers for disposal. Avoid creating dusty conditions.
7.	HANDLING AND STORAGE:
SHEL! SPEC! HAND!	AGE TEMPERATURE(MIN/MAX): Room temperature. F LIFE
8. •	PERSONAL PROTECTION:
SKIN VENT RESP WORK	PROTECTION REQUIREMENTS: None for normal use. PROTECTION REQUIREMENTS: Under normal use. ILATION REQUIREMENTS: Under normal conditions of use, special ventilation is not required. IRATOR REQUIREMENTS: Under normal conditions of use, respiratory protection is not required. PRACTICES: Normal clinical practice. Use good personal hygiene - wash hands and exposed skin thoroughly with soap and water after each use. TIONAL 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:
APPE COLC ODOR PH . BOIL MELT	CARANCE: Caplet CARANCE: Light blue C: Odorless : Not Established JING POINT: Not Applicable SING/FREEZING POINT: Not Applicable SBILITY IN WATER: Soluble

MSDS Page 3 Product Code: 501; 503; 505; 004 Approval date: 06/30/1997 Continued on next page

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
DOT (DOMESTIC SURFACE)
HAZARD CLASS OR DIVISION: Non-Regulated

Product Code: 501; 503; 505; 004 Approval date: 06/30/1997

MSDS Page 4 Continued on next page 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

Product Code: 501; 503; 505; 004

Approval date: 06/30/1997

MSDS Page 5 Continued on next page

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

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