



SAFETY DATA SHEET
2591

AM-2591

Bayer Corporation; Diagnostics Division 511 Benedict Tarrytown, NY 10591; USA	Emergency Telephone 1-219-264-8400 (BAYER) 1-800-424-9300 (Chemtec) Technical Information 1-800-442-8400 (Laboratory Segment) 1-800-343-8100 (Point of Care Products)	HMIS Hazard Rating <input checked="" type="checkbox"/> HEALTH 2 <input checked="" type="checkbox"/> FLAMMABILITY 0 <input checked="" type="checkbox"/> REACTIVITY 1 <input type="checkbox"/> PERSONAL PROTECTION B
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SECTION 1: PRODUCT INFORMATION

Product Name: ICTOTEST Tablets

Product Number: 2591

Date Prepared: 11/16/1998

Revision Number: 2

SECTION 2: COMPOSITION/HAZARDOUS INGREDIENTS

CAS-No.	Chemical Name	Amount	Exposure limit(s)
5965-83-3	5-Sulfosalicylic Acid, Dihydrate	87.2%	None Established
10043-35-3	Boric Acid	7.6%	None Established

EU Classification (90/492/EE): C - Corrosive

EU Risk and Safety Phrases: R34, S24/25, S28

SECTION 3: CRITICAL HAZARDS

Man: Corrosive, when wet or dissolved can cause burns to the eyes and skin.

Environment: None determined.

SECTION 4: EMERGENCY FIRST AID PROCEDURES

Emergency First Aid Procedures: Call a physician immediately. Arrange for transport to the nearest ER (emergency room).

While awaiting the physician or transport to the ER:

Inhalation: If it occurs move patient to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

Ingestion: If patient is conscious, wash out mouth with water. Give one or two glasses of water or milk to dilute and induce vomiting. Get immediate medical attention.

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Skin Contact: Take off all contaminated clothing immediately. Wash off immediately with plenty of water for at least 15 minutes. Get immediate medical attention. Wash contaminated clothing before re-use.

Eye Contact: In case of eye contact immediately flush eyes with copious amounts of water for at least 15-20 minutes. Transport to hospital for further medical attention.

SECTION 5: FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): None

Flammable Limits: LEL: Not Applicable UEL: Not Applicable

Extinguishing Media: Use whatever is required for the surrounding area.

Special Fire Fighting Procedures: It is always best to wear a self-contained breathing apparatus. Wet tablets are corrosive! Prevent contact with eyes, skin and clothing.

Unusual Fire and Explosion Hazards: None determined.

SECTION 6: SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled: Use personal protective equipment. Pick up and place in a disposal container. Wipe up area with a damp paper towel and discard.

SECTION 7: HANDLING AND STORAGE

Store at temperatures and conditions as indicated on the product label. Keep containers closed when not in use. Avoid contact with the eyes, skin and clothing. Keep tablets dry. Tablets are sensitive to moisture from air or water.

SECTION 8: PERSONAL PROTECTION

Ventilation: Use general room ventilation.

Respiratory Equipment: None required under normal conditions of use.

Protective Gloves: Standard laboratory chemical rubber or latex gloves.

Eye Protection: Chemical safety goggles and / or face shield recommended. Contact lenses should not be worn in the laboratory.

Other Protective Equipment/Clothing: A laboratory coat or apron is suggested.

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Appearance and odor: White tablet.

pH: N/A

Specific Gravity (H₂O=1): N/D

Boiling Point (F): N/A

Melting Point (F): N/A

Vapor Pressure: N/A

Evaporation Rate: N/A

Solubility in Water: Soluble

N/A = Not Applicable N/D = Not Determined

SECTION 10: REACTIVITY DATA

Stability: Stable

Conditions to Avoid: None determined.

Substances to Avoid: Avoid contact with moisture or water. Incompatible with bases

Hazardous Decomposition Products: Decomposition in water will produce an acidic solution and heat.

Hazardous Polymerization: Will Not Occur

SECTION 11: TOXICOLOGICAL INFORMATION

Chronic Effects of Overexposure: Prolonged absorption of boric acid may cause weight loss, skin rash, convulsions and liver or kidney injury.

Carcinogen or Suspected Carcinogen: None of the components are listed as a carcinogen or suspected carcinogen.

Medical Conditions Aggravated by Exposure: None currently known.

Acute Toxicity:

Inhalation: Corrosive! Inhalation of dusts or mists may cause mucous membrane and respiratory irritation with possible pulmonary edema and possible systemic effects similar to ingestion.

Ingestion: Corrosive! Swallowing may cause gastrointestinal burns and damage, nausea, vomiting, diarrhea, lowering of blood pressure, rash, headache and kidney injury.

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Skin Contact: Corrosive! May cause chemical burns with possible permanent damage.

Eye Contact: Corrosive! May cause severe burns with possible permanent damage and blindness.

Acute Toxicity Values: 5-Sulfosalicylic Acid, Dihydrate: LD50 oral rat: 2450 mg/kg (5-sulfosalicylic acid)

Boric Acid: LD50 oral rat: 2660 mg/kg.

SECTION 12: ECOLOGICAL INFORMATION

Ecological effects of this mixture have not been determined.

SECTION 13: DISPOSAL

Primary Container Type: The product container is amber glass.

Waste Disposal Method: Each disposal facility must determine proper disposal methods to comply with Local, State and Federal Environmental Regulations.

SECTION 14: TRANSPORTATION (IATA REGULATIONS)

Proper Shipping Name: Corrosive Solid, Acidic, Organic, n.o.s.

Technical Name: Sulfosalicylic Acid mixture

UN Number: UN3261

Hazard Class and Packaging Group: 8, III

Label(s): Corrosive

Packing Instruction (Passenger Aircraft): IATA 814 (15 kg)

***ValueSupplied (IATA 814 (15 g)) ***

Packing Instruction (Cargo Aircraft): IATA 816 (50 kg) ***ValueSupplied (IATA 816 (50 kg)) ***

Unit Volume: 100 Tablets

Primary Container Type: 60 cc Amber glass

Sales Unit: 1 bottle

SECTION 15: OTHER REGULATORY INFORMATION

SARA 311/312: Hazard categories for SARA Section 311/312

Reporting: Acute Health Chronic Health

Canadian WHMIS Classification: Class E

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EU Classification (90/492/EE): C - Corrosive

EU Risk and Safety Phrases: R34 - Causes burns.

S24/25 - Avoid contact with skin and eyes.

S28 - After contact with skin, wash immediately with plenty of water.

SECTION 16: OTHER INFORMATION

None

Reason for Revision: Conversion to Standard Phrase Database.

Prepared by: T.E. Garland, Manager Regulatory Affairs

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 use of the product are not within the control of Bayer Corporation, it is the users' obligation to assure safe use of the product.