

# MATERIAL SAFETY DATA SHEET

DADE® FIBRIN(OGEN) DEGRADATION PRODUCTS (FDP) B4233-10E  
October 10, 1997

## SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product/Chemical Name:** DADE® FIBRIN(OGEN) DEGRADATION PRODUCTS  
(FDP) DETECTION SET (SAMPLE COLLECTION TUBE)

**Chemical Formula:** NA

**CAS Number:** Mixture

**Other Designations:** Sample collection tube

**General Use:** *In vitro* medical diagnostic test

**Manufacturer:** Dade Behring Inc., P.O. Box 520672; Miami FL 33152-0672;  
Phone: (800) 327 2616, FAX (305) 591 5552 (8 AM to 5 PM);  
Emergency: (800) 228 5635, ext. 284 - MN Regional Poison Center.

## SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient Name              | CAS Number | % wt or % vol |
|------------------------------|------------|---------------|
| Soya bean trypsin inhibitor  | 910010035  | <1.0          |
| Soya bean trypsin inhibitor  | 910010036  | <1.0          |
| Snake Venom (Bothrops Atrox) | --         | 1-2.5         |

### Trace Impurities:

| Ingredient                 | OSHA PEL    |             | ACGIH TLV   |             | NIOSH REL   |             | NIOSH IDLH  |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                            | TWA         | STEL        | TWA         | STEL        | 10-hr TWA   | STEL        |             |
| Soybean trypsin inhibitors | none estab. | none estab. | none estab. | none estab. | none estab. | none estab. | none estab. |
| Snake venom                | none estab. | none estab. | none estab. | none estab. | none estab. | none estab. | none estab. |

## SECTION 3 - HAZARDS IDENTIFICATION

### ☆☆☆☆☆ EMERGENCY OVERVIEW ☆☆☆☆☆

#### Potential Health Effects

**Primary Entry Routes:** Injection, ingestion, inhalation.

**Target Organs:** Blood; circulatory system

#### Acute Effects

**Inhalation:** May cause sensitization in some individuals, R42, harmful by inhalation R20.

**Eye:** Irritation and redness.

**Skin:** Generally does not cause skin irritation.

**Ingestion:** May cause nausea.

**Carcinogenicity:** IARC, NTP and OSHA do not list product as a carcinogen.

**Medical Conditions Aggravated by Long-Term Exposure:** No available data.

**Chronic Effects:** May cause allergic sensitization in some individuals.

## SECTION 4 - FIRST AID MEASURES

**Inhalation:** Remove from exposed area to fresh air. If breathing stops, administer artificial respiration.

**Eye Contact:** Rinse eye with water or normal saline for 15-20 minutes.

Section 4 (Continued)

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DADE® FIBRIN(OGEN) DEGRADATION PRODUCTS (FDP) B4233-10E

**Skin Contact:** Wash with soap and water until no evidence of chemical remains.  
**Ingestion:** If vomiting occurs, keep head below hips to prevent aspiration. Treat symptomatically. If symptoms persist, consult a doctor.  
*After first aid, get appropriate in-plant, paramedic, or community medical support.*

## SECTION 5 - FIRE-FIGHTING MEASURES

**Flash Point:** ..... Not available.  
**Flammability Classification:** Not flammable.  
**Extinguishing Media:** Use medium suitable for surrounding fire.  
**Unusual Fire or Explosion Hazards:** None.  
**Hazardous Combustion Products:** No available data.  
**Fire-Fighting Equipment:** Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full facepiece operated in pressure-demand or positive-pressure mode.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Spill/Leak Procedures:** Treat as a small laboratory spill.  
**Small Spills:** Wipe up with damp cloth and dispose as biohazardous waste.

## SECTION 7 - HANDLING AND STORAGE

**Handling Precautions:** Keep container tightly sealed.  
**Storage Requirements:** No special requirements.  
**Regulatory Requirements:** None.

## SECTION 8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION

**Engineering Controls:**  
**Ventilation:** Provide general or local exhaust ventilation. Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.  
**Administrative Controls:**  
**Respiratory Protection:** Should not be required for use of this product. Seek professional advice prior to respirator selection and use. Select respirator based on its suitability to provide adequate worker protection for given working conditions.  
**Protective Clothing/Equipment:** Wear chemically protective gloves and aprons to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles. Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.  
**Safety Stations:** Make emergency eyewash stations and washing facilities available in work area.  
**Contaminated Equipment:** Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.  
**Comments:** Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

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## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

|  |  |
|--|--|
| <b>Physical State:</b> Solid               | <b>Water Solubility:</b> Complete.     |
| <b>Appearance and Odor:</b> Characteristic | <b>Boiling Point:</b> Not determined.  |
| <b>Formula Weight:</b> Mixture             | <b>Freezing Point:</b> Not determined. |
| <b>Density:</b> Not available.             |  |

## SECTION 10 - STABILITY AND REACTIVITY

**Stability:** Product is stable at room temperature in closed containers under normal storage and handling conditions.

**Polymerization:** Hazardous polymerization cannot occur.

**Chemical Incompatibilities:** Acids and strong oxidizers.

**Conditions to Avoid:** Incompatible materials.

**Hazardous Decomposition Products:** No available data.

## SECTION 11- TOXICOLOGICAL INFORMATION

### Toxicity Data:

**Eye Effects:** May irritate.

**Skin Effects:** May irritate.

**Acute Inhalation Effects:**

Hazardous, sensitizer.

**Acute Oral Effects:**

**Chronic Effects:** May cause allergic sensitization.

**Carcinogenicity:** No.

**Mutagenicity:** No.

**Teratogenicity:** No.

## SECTION 12 - ECOLOGICAL INFORMATION

**Ecotoxicity:** Not known to be hazardous to water.

## SECTION 13 - DISPOSAL CONSIDERATIONS

**Disposal:** Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, state, and local regulations.

**Disposal Regulatory Requirements:** Dispose as special waste, biohazardous.

## SECTION 14 - TRANSPORT INFORMATION

**DOT Transportation Data (49 CFR 172.101):**

Product not regulated.

**IATA Data:**

Not Regulated.

## SECTION 15 - REGULATORY INFORMATION

**EPA Regulations:**

RCRA Hazardous Waste Number: Not listed (40 CFR 261.33).

RCRA Hazardous Waste Classification (40 CFR 261.??): Not classified.

CERCLA Hazardous Substance (40 CFR 302.4) Unlisted.

SARA Toxic Chemical (40 CFR 372.65): Not listed.

SARA EHS (Extremely Hazardous Substance) (40 CFR 355): Not listed.

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**OSHA Regulations:**

Air Contaminant (29 CFR 1910.1000, Table Z-1, Z-1-A): Not listed.

State Regulations: Not regulated.

## SECTION 16 - OTHER INFORMATION

Prepared By: DBIDWES

**Disclaimer:** The information contained in this document is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Dade Behring Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.