

Material Safety Data Sheet

Material Name: Advantol™ 200

Product Code #: SPI-1184

MSDS #: SPH-062

Revision Date: 11/07/07

Page 1 of 5

*** Section 1 - Chemical Product and Company Identification ***

Product Use: Tablet excipient

Company Identification

SPI Pharma, Inc.
Rockwood Office Park
503 Carr Road
Wilmington, Delaware 19809

Phone Numbers

Emergency: (800) 424-9300 CHEMTREC
Non-Emergency Safety & Health Information: (302) 360-7200
Non-Emergency Environmental Information: (302) 360-7200
Product Information and Customer Service: (302) 360-7200

General Comments

NOTE: Emergency telephone numbers are to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure, or accident involving chemicals. All non-emergency questions should be directed to customer service.

*** Section 2 - Hazards Identification ***

Emergency Overview

Product is a non-flammable white powder. Accumulation of airborne dusts may present an explosion hazard. Eye contact may produce slight irritation.

Hazard Statements

CAUTION! Dusts may cause slight eye irritation. Accumulation of airborne dusts may present an explosion hazard.

Potential Health Effects: Eyes

Contact may produce mechanical irritation. Significant irritation would not be expected.

Potential Health Effects: Skin

No skin irritation can be expected from single short-term exposure to this product. Prolonged or repeated contact may produce some irritation.

Potential Health Effects: Ingestion

Ingestion of small amounts would not be expected to produce toxicity. However, ingestion of large amounts may produce gastrointestinal disturbances including a laxative action.

Potential Health Effects: Inhalation

Overexposure to dusts may produce irritation of the respiratory system.

HMIS Ratings: Health: 0 Fire: 1 Reactivity: 0 Pers. Prot.: safety glasses with side shields.

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

*** Section 3 - Composition / Information on Ingredients ***

CAS #	Component	Percent
Not Available	Non-hazardous Mixture	100

Component Information/Information on Non-Hazardous Components

This product is considered non-hazardous by the criteria specified in 29 CFR 1910.1200 (Hazard Communication).

This product is not regulated as a hazardous material by the Canadian Controlled Product Regulations.

*** Section 4 - First Aid Measures ***

First Aid: Eyes

Immediately flush eyes with sufficient amounts of water. Seek medical attention if irritation develops or persists.

Material Safety Data Sheet

Material Name: Advantol™ 200

Product Code #: SPI-1184

MSDS #: SPH-062

Revision Date: 11/07/07

Page 2 of 5

First Aid: Skin

For skin contact, wash with soap and water. If irritation develops or persists, seek medical attention.

First Aid: Ingestion

If material is swallowed in large amounts, get medical attention. Do not induce vomiting unless directed to do so by medical personnel.

First Aid: Inhalation

If respiratory irritation occurs upon inhalation, remove to fresh air. Seek medical attention if symptoms develop or persist.

First Aid: Notes to Physician

None.

*** Section 5 - Fire Fighting Measures ***

General Fire Hazards

See Section 9 for Flammability Properties.

Accumulation of airborne dusts may present an explosion or fire hazard in the presence of an ignition source.

Material will burn at high temperatures.

Hazardous Combustion Products

Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

Extinguishing Media

Dry chemical, foam, carbon dioxide, water fog.

Fire Fighting Equipment/Instructions

Firefighters should wear full protective clothing including self contained breathing apparatus.

NFPA Ratings: Health: 0 Fire: 1 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

*** Section 6 - Accidental Release Measures ***

Containment Procedures

Contain the discharged material. If sweeping of a contaminated area is necessary, use a dust suppressant agent.

Remove all sources of ignition.

Clean-Up Procedures

Wear appropriate protective equipment and clothing during clean-up. Ventilate the contaminated area. Sweep up or vacuum spilled material. Use of a moist absorbent is recommended. Avoid the generation of airborne dusts during cleanup. Do not flush material to drains or allow to enter drains.

Evacuation Procedures

None necessary.

Special Procedures

None.

*** Section 7 - Handling and Storage ***

Handling Procedures

Avoid getting this material into contact with your eyes. Wash thoroughly after handling. Avoid the formation of airborne dusts. Use non-sparking tools. Remove all sources of ignition.

Storage Procedures

Keep container tightly closed and store at room temperature.

Material Safety Data Sheet

Material Name: Advantol™ 200

Product Code #: SPI-1184

MSDS #: SPH-062

Revision Date: 11/07/07

Page 3 of 5

*** Section 8 - Exposure Controls / Personal Protection ***

Exposure Guidelines

A: General Product Information

Exposures should be minimized in accordance with good industrial hygiene practices.

B: Component Exposure Limits

ACGIH, OSHA, NIOSH or the provinces of Canada have not developed exposure limits for any of this product's components.

Engineering Controls

Ventilation should be sufficient to effectively remove and prevent buildup of airborne dusts.

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Eyes/Face

Wear appropriate eye protection.

Personal Protective Equipment: Skin

Wear impervious gloves for prolonged contact.

Personal Protective Equipment: Respiratory

If ventilation is not sufficient to effectively remove and prevent buildup of dusts, appropriate NIOSH approved respiratory protection should be provided.

Personal Protective Equipment: General

Use good industrial hygiene practices in handling this material.

*** Section 9 - Physical & Chemical Properties ***

Appearance:	White powder	Odor:	None
Physical State:	Solid	pH:	Not applicable
Vapor Pressure:	Not applicable	Vapor Density:	Not applicable
Boiling Point:	Not available	Melting Point:	Not available
Solubility (H₂O):	Mostly soluble	Specific Gravity:	Not available
Molecular Weight:	Mixture	Flash Point:	Not applicable
Flash Point Method:	Not applicable	Auto Ignition:	Not available
UFL:	Not applicable	LFL:	Not applicable

Physical Properties: Additional Information

None.

*** Section 10 - Chemical Stability & Reactivity Information ***

Chemical Stability

Stable.

Chemical Stability: Conditions to Avoid

Avoid accumulation of airborne dusts.

Incompatibility

This product may react with strong acids or oxidizing agents.

Hazardous Decomposition

Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

Possibility of Hazardous Reactions

Hazardous polymerization will not occur.

Material Safety Data Sheet

Material Name: Advantol™ 200

Product Code #: SPI-1184

MSDS #: SPH-062

Revision Date: 11/07/07

Page 4 of 5

*** Section 11 - Toxicological Information ***

Acute Dose Effects

A: General Product Information

Ingestion overexposure to this product may produce some discomfort and gastrointestinal disturbances but symptoms are reversible and usually disappear when exposure stops.

B: Component Analysis - LD50/LC50

No LD50/LC50's are available for this product's components.

Carcinogenicity

A: General Product Information

No carcinogenicity data available for this product.

B: Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

*** Section 12 - Ecological Information ***

Ecotoxicity

A: General Product Information

No data available for this product.

B: Component Analysis - Ecotoxicity - Aquatic Toxicity

No ecotoxicity data are available for this product's components.

Environmental Fate

No data available for this product.

*** Section 13 - Disposal Considerations ***

US EPA Waste Number & Descriptions

A: General Product Information

Empty container retains product residue. Do not distribute, make available, furnish or reuse empty container except for storage and shipment of original product. Empty container, remove all product residue. Puncture or otherwise destroy empty container before disposal.

B: Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions

All wastes must be handled in accordance with local, state and federal regulations.

See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

*** Section 14 - Transportation Information ***

International Transportation Regulations: Not regulated as dangerous goods.

US DOT Information: Not regulated as a hazardous material.

*** Section 15 - Regulatory Information ***

US Federal Regulations

A: General Product Information

No additional information available.

Material Safety Data Sheet

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Revision Date: 11/07/07

Page 5 of 5

B: Component Analysis

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

Acute Health: No **Chronic Health:** No **Fire:** No **Pressure:** No **Reactive:** No

State Regulations

A: General Product Information

Other state regulations may apply. Check individual state requirements.

B: Component Analysis - State

None of this product's components are listed on the state lists from CA, MA, MN, NJ, PA, or RI.

Canadian WHMIS Information

A: General Product Information

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

This product is not a controlled product under the Canadian Workplace Hazardous Materials Information System (WHMIS).

B: Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL.

WHMIS Class: Not a controlled product.

Additional Regulatory Information

A: General Product Information

All components are on the U.S. EPA TSCA Inventory List or are included on the inventory as naturally occurring substances. All components are on the Canadian Domestic Substances or Non-Domestic Substances Inventory Lists.

This product has been classified in accordance with the Canadian Controlled Products Regulations (CPR) and this MSDS contains all of the information required by the CPR.

*** Section 16 - Other Information ***

Other Information

Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use.

Key/Legend

ACGIH = American Conference of Governmental Industrial Hygienists. CAS = Chemical Abstract Service. CERCLA = Comprehensive Environmental Response, Compensation and Liability Act. CFR = Code of Federal Regulations. CHEMTREC = Chemical Transportation Emergency Center. DSL = Canadian Domestic Substance List. HEPA = High Efficiency Particulate Air. HMIS = Hazardous Materials Identification System. IARC = International Agency for Research on Cancer. IDLH = Immediately Dangerous to Life and Health. NDSL = Canadian Non-Domestic Substance List. NFPA = National Fire Protection Association. NIOSH = National Institute of Occupational Safety and Health. NJTSR = New Jersey Trade Secret Registry. NTP = National Toxicology Program. OSHA = Occupational Safety and Health Administration. NA = Not available or Not Applicable. SARA = Superfund Amendments and Reauthorization Act. TDG = Transportation of Dangerous Goods. TLV = Threshold Limit Value. TSCA = Toxic Substances Control Act. WHMIS = Workplace Hazardous Materials Information System.