

MATERIAL SAFETY DATA SHEET
SPAFAS MS Plate Antigen for Plate Agglutination Test

1. PRODUCT AND COMPANY INFORMATION

Product Name	Mycoplasma Synoviae Antigen
Trade Name	SPAFAS MS Plate Antigen for Plate Agglutination Test
Other Identification	NA
Manufacturer/Supplier	Charles River Laboratories, Inc
Address	251 Ballardvale Street, Wilmington, MA 01887
Phone	781-222-6000
Emergency Phone Number	INFOTRAC (800) 535-5053
MSDS First Issued	February 23, 2006
MSDS Data Revised	September 13, 2010

2. HAZARDS IDENTIFICATION

Routes of Entry	Inhalation, skin contact, ingestion, eye contact
Health Effects – Eyes	Direct contact with liquid may cause irritation, redness, pain and conjunctivitis.
Health Effects – Skin	Direct contact with liquid may cause irritation to skin. Symptoms include redness, itching, and pain.
Health Effects – Ingestion	May produce abdominal pain, nausea.
Health Effects – Inhalation	There is negligible risk of inhalation when used and handled as directed by the product insert.
CARCINOGENIC EFFECTS:	Not considered carcinogenic by NTP, IARC, and OSHA
MUTAGENIC EFFECTS:	Not available
TERATOGENIC EFFECTS:	Not available
DEVELOPMENTAL TOXICITY:	Not available

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Component Name	CAS #	Concentration (%)
Mycoplasma synoviae, WVU1853	NA	< 5
Crystal Violet, biological stain	548-62-9	< 1
Potassium phosphate, monobasic	7778-77-0	< 2
Sodium phosphate, dibasic	7558-79-4	< 2
Sodium chloride	7647-14-5	< 2
Bovine serum albumen, Fraction V	NA	< 10

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Tween 80	9005-64-5	< 2
Neomycin sulfate	1405-10-3	< 1
Deionized water	7732-18-5	Balance

4. FIRST AID MEASURES

First Aid – Eyes	Immediately flush eyes with large quantities of water for at least 15 minutes. Contact a physician.
First Aid – Skin	Remove contaminated clothing and wash affected areas with soap and water. Contact a physician if irritation persists. Launder clothing prior to reuse.
First Aid – Ingestion	Do not induce vomiting unless directed by a medical professional. Never give anything by mouth to an unconscious or convulsing person. If conscious, have victim rinse mouth with water, but do not swallow. Contact a physician immediately.

5. FIRE FIGHTING MEASURES

Extinguishing Media	Water, Water Mist, Dry Chemical, CO ₂ , or Foam.
Unusual Fire and Explosive Hazards	None
Special Fire Fighting Procedures with	For large fires, fire fighters should be equipped self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Absorb spilled material using appropriate absorbent material such as spill pads, speedi-dry, or paper towels. Dispose of spill clean-up debris as Biohazardous Waste.

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7. HANDLING AND STORAGE

Protect against physical damage. Store in a cool, dry well-ventilated location. Separate from incompatible. For disposal, see Section 13.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

OSHA Threshold Limit Value:	NA
ACGIH Threshold Limit Value:	NA
Engineering Control Measures	Not required if product is used as directed by product insert. Follow typical laboratory safety practices.
Respiratory Protection	Not required if product is used as directed by product insert.
Hand Protection	Use impervious nitrile gloves where prolonged or repeated contact with skin may occur.
Eye Protection	Safety glasses
Body Protection	No special protective clothing is necessary when used as directed by product insert.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Blue
Odor	Minimal
Odor Threshold	Not available
Physical State	Liquid
pH	6.8 – 7.2
Melting Point	Not available
Freezing Point	Not available
Boiling Point	100 to 110
Flash Point	>200
Evaporation Rate	Not available
Flammability	Not available
Upper Explosive Limit	Not available
Lower Explosive Limit	Not available
Vapor Pressure	Not determined, assumed similar to water.
Specific Gravity	1.0 to 1.1
Solubility in Water	Miscible
Auto-Ignition Temperature	Not available
Decomposition Temperature	Not available
Vapor Density (Air=1)	Not determined, assumed similar to water.

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10. STABILITY AND REACTIVITY

Chemical Stability	Material is stable
Conditions to Avoid	Material is Stable
Incompatible Materials	Strong oxidizers
Hazardous Polymerization	Hazardous polymerization will not occur
Hazardous Decomposition Products	CO, CO2
Possibility of Hazardous Reactions	NA

11. TOXICOLOGICAL INFORMATION

Toxicity not tested as a mixture, toxicity data for relevant ingredients provided below.

Crystal Violet	ORL-RAT LD 50: 420 MG/KG
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12. ECOLOGICAL INFORMATION

Environmental Fate	If released to the environment, material is expected to biodegrade rapidly.
Environmental Toxicity	When used as directed by the product insert, this material is expected to post a negligible risk to the environment.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with all applicable local, state and national regulations. Labels should not be removed from containers until they have been cleaned. Rinse empty containers with water and dispose with ordinary trash.

14. TRANSPORTATION INFORMATION

DOT CFR 172.101 Data	Not regulated by DOT
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15. REGULATORY INFORMATION

TSCA Listing	All components have been verified for inclusion on the EPA Toxic Substances Control Act Chemical Substance Inventory
State	No significant risk level: None of the chemicals in this product are listed.
SARA Title III Section 311/312	Crystal Violet: Categorized as an Immediate (Acute) Health Hazard

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	Citric Acid: Categorized as an Immediate (Acute) Health Hazard
Clean Air Act – Ozone	This product does not contain a Class I or II ozone depleting substance (ODS) as defined by the US Clean Air Act Section 602 at 40 CFR 82.
VOC Content	This product does not contain VOC's.

16. OTHER INFORMATION

Disclaimer: The data contained herein is based on information that Charles River Laboratories believes to be reliable, but no expressed or implied warranty is made with regard to the accuracy of such data or its suitability for a given situation. Such data relates only to the specific product described and not to such products in combination with any other product and no agent of Charles River Laboratories is authorized to vary any such data. Charles River Laboratories and its agents disclaim all liability for any action taken or foregone on reliance upon such data.