

# SAFETY DATA SHEET

Revision Date: January 2024

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## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name:	ASI RPR Carbon Antigen Suspension
Product number:	987333 901010 901010B 901040
Brand:	ASI
Company:	Arlington Scientific Inc. 1840 N Technology Drive Springville, UT 84663 USA
Telephone:	(801) 489-8911
Fax:	(801) 489-5552
Emergency phone #:	(801) 489-8911

## 2. HAZARDS IDENTIFICATION

Emergency overview:	This product is not classified according to the Global Harmonized System (GHS).
OSHA hazards:	NFPA and HMIS ratings: Health = 2; Flammability = 0; Reactivity = 0
Flammable liquid:	None
Target organ effect:	None
Harmful by ingestion:	Avoid hand-to-mouth contact when handling human source materials. Wash hands thoroughly after handling, even when gloves have been worn. Do not eat, drink, or apply cosmetics in the area where human source material is handled. Do not pipet by mouth.
Harmful by skin absorption:	Wear gloves and especially cover any cuts, abrasions, or skin lesions. Dispose of gloves, pipets, stirrers, test cards, and used reagent containers as biohazardous material. Wash hands thoroughly after removing gloves. Use extreme caution with any sharp object to avoid percutaneous exposure to human source material. Wear outer protective garment such as a lab coat or gown.
Irritant:	None
Target organs:	None
Potential health effects:	
Inhalation:	May cause irritation
Skin:	May cause irritation
Eyes:	May cause irritation
Ingestion:	May cause irritation

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

	Reagents contained in kit:	Composition
Formula:	RPR Carbon Antigen –0.0003% cardiolipin, 0.020 % - 0.022% lecithin, 0.09% cholesterol, activated charcoal as a visual enhancer, phosphate buffer, stabilizers and 0.1% sodium azide as a preservative. There is no hazardous ingredient in concentration of greater than 1%.	

## 4. FIRST AID MEASURES

General Advice:	Symptoms of mild discomfort may be exhibited after several hours; therefore observe for any medical symptoms for at least 48 hours.
If Inhaled:	Remove from source to fresh air. If breathing becomes difficult, call a physician.
In case of skin contact:	Wash thoroughly with soap and water. Remove contaminated clothing. Call a physician.
In case of eye contact:	Flush with large amounts of water or sterile eye wash. Use fingers to separate the eyelids for effective flushing. Call a physician.
If Swallowed:	If conscious, wash out mouth with water. Call a physician.

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## 5. FIRE-FIGHTING MEASURES

Flammable properties:	None
Suitable extinguishing media:	CO <sub>2</sub> , or multiple dry chemical or water spray.
Special protective equipment: for Fire-Fighters	No special measures required.

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Personal precautions, protective equipment, and emergency procedures are not required.
Environmental precautions:	No known risk to environment.
Methods for cleaning up:	Clean-up with water moistened cloth or mop. After material has been cleaned-up and removed, wash the spilled area site with a disinfectant cleaner.

## 7. HANDLING AND STORAGE

Handling	Ensure adequate ventilation and fresh air supply in HVAC
Storage	Store at 2 – 8°C and avoid freezing

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal precautions	
Respiratory protection	None required
Hand protection	Surgical gloves
Eye protection	Standard laboratory eye ware
Skin and body protection	Typical laboratory coat or gown
Hygiene measures	No special measures required
Personal precautions	No special precautions required
Respiratory protection	Wear surgical mask if indicated by local procedures

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	
Form	Liquid
Color	Reagents are transparent; carbon antigen exhibit suspended black particles
Odor	None
Safety data	ASI Reagents contain sodium azide. Azides in contact with lead and copper plumbing may react to form highly explosive metal azides. When disposing of reagents containing azide, flush down the drain with large amounts of water to prevent azide build-up.

## 10. STABILITY AND REACTIVITY

Storage stability	Refrigerate at 2 – 8°C
Conditions to avoid	Avoid temperatures outside the range of 2 – 8°C. Avoid freezing.
Materials to avoid	None
Hazardous decomposition products	None
Hazardous reactions	None

## 11. TOXICOLOGICAL INFORMATION

Potential health effects	
Inhalation	May cause irritation.
Skin	May cause irritation.
Eyes	May cause irritation.
Ingestion	Harmful if swallowed.
Target organs	None

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## 12. ECOLOGICAL INFORMATION

Elimination information	No ecological effects currently identified.
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## 13. DISPOSAL CONSIDERATIONS

Product	ASI Reagents contain sodium azide. Azides in contact with lead and copper plumbing may react to form highly explosive metal azides. When disposing of reagents containing azide, flush down the drain with large amounts of water to prevent azide build-up. Smaller quantities can be disposed of with solid waste. This product is not considered an RCRA hazardous waste. Dispose of material in accordance with federal (40 CFR 261.3), state and local requirements.
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## 14. TRANSPORTATION INFORMATION

DOT (US)	Non-hazardous.
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## 15. REGULATORY INFORMATION

FDA 510(k) K851504
FDA510(k) K111356
FDA510(k) BK130001
FDA510(k) BK140192
CLIA, Moderately complex

## 16. OTHER

To the best of our knowledge, the information provided in this Safety Data Sheet is accurate. ASI does not assume any liability for the accuracy or completeness of the information. Final suitability of a material is the responsibility of the user. All materials may present unknown hazards and should always be used with caution. Although hazards are described in this Safety Data Sheet, ASI does not guarantee that these issues are the only hazards that exist.
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