

Material Safety Data Sheet

Binax NOW[®] *Streptococcus pneumoniae* Antigen Test Kit
 Cat. #710-000, 710-010 and 710-012

THE FOLLOWING INFORMATION PROVIDED IS BELIEVED TO BE CORRECT AND ACCURATE. IT DOES NOT PURPORT TO BE ALL-INCLUSIVE AND SHALL BE USED AS A GUIDE. BINAX, INC. SHALL NOT BE HELD LIABLE FOR ANY DAMAGE RESULTING FROM HANDLING, CONTACT WITH, OR MIS-USE OF THIS PRODUCT.

Section I. General Information

Chemical Name & Synonyms: NOT APPLICABLE	Trade Name & Catalogue Number: Binax NOW [®] <i>Streptococcus pneumoniae</i> Urinary Antigen Test
Chemical Family: In Vitro Diagnostic Test Kits	Catalogue Number: 710-000, 710-010, 710-012
Proper DOT Shipping Name: NOT APPLICABLE	Formula: NOT APPLICABLE
Contact: Binax, Inc. 10 Southgate Road Scarborough, Maine 04074	DOT Hazard Classification: NOT APPLICABLE Phone: 1-207-730-5700 Fax: 1-207-730-5710 Poison Control Center: 1-800-222-1222

Section II Hazardous Ingredients/Identity Information

Item	Percent (optional)	Exposure Limits
<u>Reagent A</u>		
Sodium lauryl sulfate		NIOSH REL: none OSHA PEL: none
Sodium Azide		NIOSH REL: C 0.1ppm (as HN ₃) skin C 0.3mg/m ³ (as NaN ₃) skin OSHA PEL: none
Tween 20		NIOSH REL: none OSHA PEL: none
<u>Positive Control Swabs</u>		
Heat inactivated <i>Streptococcus pneumoniae</i> positive urine		NOT APPLICABLE
<u>Negative Control Swabs</u>		
Heat inactivated normal urine		NOT APPLICABLE

Section III Physical Data

Boiling Point (°C): Sodium lauryl sulfate: N/A Sodium Azide: N/A Tween 20: N/A	Specific Gravity (water = 1.0): Sodium lauryl sulfate: N/A Sodium Azide: 1.85 g/cm ³ Tween 20: 1.05 g/cm ³
Vapor Pressure (mm Hg): N/A	Percent volatile by Volume (%): N/A
Vapor Density (Air = 1.0): N/A	Evaporation Rate: N/A
Appearance: Packaged kit with bottled reagent, control swabs, test swabs and test device.	Odor: None known

Section IV. Health Hazard Data

Sodium Lauryl Sulfate		
Route(s) of entry: skin? Yes	Inhalation? Yes	Ingestion: Yes

Health hazards: Acute: Irritating to mucous membranes and upper respiratory tract, eye irritation, vomiting, skin irritation, may cause sensitization by inhalation	Chronic: Pulmonary sensitization, allergic reactions	Symptoms of exposure: eye, skin irritation, pulmonary dysfunction accompanied by malaise, fatigue
Carcinogenicity: NTP? Not listed	IARC listed? Yes	OSHA Regulated? Not listed
Medical conditions aggravated by exposure: None known		
Emergency and first aid procedures: ALWAYS CALL A PHYSICIAN OR POISON CONTROL CENTER 1-800-222-1222	Skin: flush with water for at least 15 minutes, remove contaminated clothing, call physician. Eyes: flush with copious amounts of water for at least 15 minutes, call a physician	Ingestion: wash out mouth with water if person is conscious, call physician. Inhalation: remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

Sodium Azide		
Route(s) of entry: skin? Yes	Inhalation? Yes	Ingestion? Yes
Health hazards: Acute: Nausea, headache, vomiting, skin irritation	Chronic: Hypotension, mutagen	Symptoms of exposure: May be fatal if inhaled, swallowed, or absorbed through the skin. May cause eye and skin irritation. Exposure can cause nausea, headache, vomiting. Corrosive.
Carcinogenicity: NTP? Not listed	IARC listed? Yes	OSHA Regulated? Not listed
Medical conditions aggravated by exposure: Eye/skin hypersensitivity		ACGIH Carcinogen? Rating A4
Emergency and first aid procedures: ALWAYS CALL A PHYSICIAN OR POISON CONTROL CENTER 1-800-222-1222	Eye: Irrigate immediately. Skin: Water flush immediately Breathing: Respiratory support Swallow: Medical attention immediately	

Tween 20		
Route(s) of entry: skin? Yes	Inhalation? Yes	Ingestion? Yes
Health hazards: Acute: Mild skin irritation	Chronic: Unknown. The properties of this chemical have not been thoroughly investigated.	Symptoms of exposure: Unknown, the properties of this chemical have not been thoroughly investigated.
Carcinogenicity: NTP? Not listed	IARC Monograph? Not Listed	OSHA Regulated? No.
Medical conditions aggravated by exposure: None known.		
Emergency and first aid procedures: ALWAYS CALL A PHYSICIAN OR POISON CONTROL CENTER 1-800-222-1222	Skin: Immediately wash with soap and copious amounts of water. Eyes: Immediately flush with copious amounts of water for at least 15 minutes.	Inhalation: Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen. Ingestion: Wash out mouth with water provided person is conscious.

Section V. Reactivity Data

Stability: STABLE	Conditions to Avoid: NONE KNOWN
Incompatibility: NONE KNOWN	Materials to avoid: Strong acids or oxidizing materials

Hazardous polymerization: WILL NOT OCCUR	Hazardous decomposition products: Sodium lauryl sulfate: carbon monoxide, carbon dioxide, sulfur oxides.
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Section VI. Fire and Explosion Hazard Data

Flash Point (Test Method) Sodium lauryl sulfate: N/A Sodium Azide: N/A Tween 20: > 230 °F (>110 °C)	Auto Ignition Temperature (°F): N/A
Flammable Limits: LEL: N/A UEL: N/A	Special fire-fighting Procedures: May emit toxic fumes under extreme fire conditions, wear correct protective equipment during fires.
Extinguishing Media: Dry chemical powder	Unusual Fire and Explosive Hazards: Closed containers can explode under fire conditions.

Section VII. Precautions for Safe Handling and Use

Steps to be taken if material is released or spilled: Immediately clean up spilled reagent wearing appropriate personal protective equipment, if necessary. Materials may be washed into a typical laboratory drain or wiped up with absorbent pads and placed into chemical waste container.
Waste disposal method: Normal disposal container.
Precautions to be taken in handling and storing: Safety glasses, protective clothing and gloves.
Other precautions: None required.

Section VIII. Control Measures/Personal Protective Equipment

Eye Protection: Safety glasses	Skin Protection: Lab coats, gloves
Respiratory Protection: None required	Ventilation: Normal
Other Precautions: None required	

Section IX. Special Precautions

Hygienic Practices in Handling and Storage: Store per package insert instructions.
Precautions for Repair and Maintenance of contaminated material: NOT APPLICABLE
Other precautions: For In Vitro Diagnostic Use only. Do not use internally. Do not apply to eyes or skin, ingest or inhale. Do not mix with reagents from different lots.