



SAFETY DATA SHEET

1. Product and Manufacturer

Product name: **Bio-Swab, A-7013, A-7014BP**

Manufacturer / Supplier: Arrowhead Forensics
 11030 Strang Line Road
 Lenexa, KS 66215
 T 913-894-8388
<http://www.arrowheadforensics.com>

Emergency Contact Telephone Number: Chemtrec®
 1 800 424 9300 (Inside United States)
 (1) 703 527 3887 (Outside of United States)

2. Composition / Information on Ingredients

Ingredient Name	Percentage (w/w)	CAS Number	EC Number	Exposure Limit TWA (mg/m ³)
Water	>= 99.90%	7732-18-5	231-791-2	Not available
Sodium Benzoate	<= 0.10%	532-32-1	208-534-8	Not available

3. Hazards Identification

Potential acute health effects Normally will not cause any hazardous effect.

Potential chronic health effects Normally will not cause any hazardous effect.

4. First-aid Measures

Eye contact: If discomfort occurs, seek medical attention.

Skin contact: If discomfort occurs, seek medical attention.

Inhalation: If discomfort occurs, seek medical attention.

Ingestion: If discomfort occurs, seek medical attention.

5. Fire-fighting Measures

General information Non-combustible

Extinguishing media Small Fire Not applicable

Large Fire	Not applicable
Special exposure hazards	Not available
Hazardous thermal decomposition product	Not available
Flash point (estimate)	Not applicable
Auto-ignition temperature	Not applicable
Explosion limits, Lower	Not applicable
Upper	Not applicable
Special remarks	Not available

6. Accidental Release Measures

General information	Use proper personal protective equipment as indicated in Section 8.
Small spill	Mop up. Finish cleaning by spreading water on the contaminated surface and allow evacuating through the sanitary system.
Large spill	Mop up. Finish cleaning by spreading water on the contaminated surface and allow evacuating through the sanitary system.

7. Handling and Storage

Precaution	Keep away from incompatibles such as strong oxidizing agents and strong reducing agents.
Storage	Keep container tightly closed, and store in a cool, well-ventilated area.

8. Exposure Controls/Personal Protection

Engineering controls	Regular mechanical engineering controls. Ensure that eyewash stations and safety showers are proximal to the work-station location.
Exposure limits	See section 2 and consult with local authorities
Personal protective equipment	
Eyes	Splash proof goggles.
Skin	Gloves if needed.
Clothing	Lab coat.
Respirators	Normally not needed.

9. Physical and Chemical Properties

Physical state	Liquid
Color	Colorless
Odor	Odorless
pH	Not available
Boiling point	100 °C
Melting/freezing point	0 °C
Specific gravity at 25°C (water = 1)	1.000

Vapor density at 25°C (air = 1)	Not available
Solubility in water	Soluble

10. Stability and Reactivity

Stability	This product is stable.
Conditions to avoid	Excess heat and incompatible materials.
Material to avoid	Strong oxidizing agents and strong reducing agents.
Hazardous decomposition products	Not available
Hazardous polymerization	Will not occur

11. Toxicological Information

Routes of entry	Not available
Toxicity to animals (estimate)	Not available
Acute potential effects on humans	
Skin	Normally will not cause hazardous effect.
Eyes	Normally will not cause hazardous effect.
Inhalation	Normally will not cause hazardous effect.
Ingestion	Normally will not cause hazardous effect.
Chronic effects on humans	Not available
Other toxic effects on humans	Not available

12. Ecological Information

Aquatic toxicity (estimate)	Not available
Products of biodegradation	Not available
Toxicity of the products of biodegradation	Not available

13. Disposal Considerations

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

14. Transport Information

DOT classification:	Not a DOT controlled material (United States)
Identification:	Not applicable
Special provision for transport:	Not applicable

15. Regulatory Information

Toxic Substances Control Act (TSCA)	TSCA 8(b) inventory	Water, Potassium Sorbate, Sodium Benzoate
California Proposition 65	This product contains the following ingredients for which the State	No products

Warning	of California has found to cause cancer which would require a warning under the statute				were found
	This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute				No products were found
	Health Hazard	0		Health	0
HMIS	Fire Hazard	0	National Fire Protection	Flammability	0
(U.S.A.)	Reactivity	0	Association (U.S.A.)	Reactivity	0
	Personal Protection	A		Specific Hazard	
WHMIS (Canada)	This product is not regulated under WHMIS (Canada)				
Other regulations	Not available				

16. Other Information

SDS code	BIO-SWAB-SDS
Validated by QC	Yes

References	Not available
Other special considerations	Not available

Notice to reader

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