

Material Safety Data Sheet



Section 1. Chemical Product and Company Identification

Product Name Prostate Biopsy Fixative	Product Code PKBPF-12
Manufacturer's Name StatLab Medical Products, Inc.	Emergency Telephone Number 800-424-9300
Address (Number, Street, City, State, and ZIP Code) 407 Interchange st.	Telephone Number for Information 800-442-3573 x 2
McKinney Tx 75071	Date Prepared 1/13/2005 rev(11/06)
	Signature of Preparer (optional)

Section 2. Composition/Information on Ingredients

Component	CAS #	OSHA PEL	ACGIH TLV	Other Limits Recommended	Percent
Formaldehyde	50-00-0	1	.75/2		<2%
Methanol	67-56-1	200	200/250		<4%
Ethanol	64-17-5	1000	1000/NA		~43%
MIBK	108-10-1	50	50/75		<5%
Isopropanol	67-63-0	400	400/500		~3%
Acetic Acid	64-19-7	10	10/15		<3%

Section 3. Hazards Identification

Emergency Overview

Potential Health Effects

Eye	Vapors cause eye irritation
Skin	Vapors cause skin irritation
Ingestion	May cause gastrointestinal disturbances and convulsions
Inhalation	Vapors cause drowsiness, nausea, headache and vomiting.
Chronic/Carcinogenicity	Not classified as a human carcinogen, formaldehyde has the potential to cause cancer. May cause liver, heart, and kidney damage.
Teratology	N/A
Reproduction	N/A
Mutagenicity	N/A

Material Safety Data Sheet

Product Name Prostate Biopsy Fixative

Product Code

PKBPF-12



Section 4. First Aid Measures

Signs/Symptoms of Exposure

Vision blurring, drowsiness and headache.

Eye Thoroughly flush eyes with water. Contact a physician if irritation persists.

Skin Remove contaminated clothing. Wash affected area with soap and water.

Ingestion If person is conscious, rinse mouth thoroughly with water, dilute effects with milk and contact a physician immediately. If vomiting occurs, keep head lower than hips.

Inhalation Remove person to fresh air. If not breathing, give artificial respiration and contact a physician.

Section 5. Fire Fighting Measures

Flammable Properties	Flash Point	75°F	Method	TCC
----------------------	-------------	------	--------	-----

Flammable Limits	Lower	3.3	Upper	19
------------------	-------	-----	-------	----

Autoignition Temperature

Hazardous Decomposition or Byproducts

Occurs slowly at elevated temperatures with release of formaldehyde gas.

Extinguishing Media Water spray, dry chemical, CO₂, and foam for alcohol.

Fire Fighting Instructions Wear protective clothing NIOSH approved breathing apparatus.

Products of combustion may be harmful in a fire situation. Do not use direct water stream.

Section 6. Accidental Release Measures

Eliminate source of ignition in the vicinity of the spill or released vapor. Isolate the spill area with sand, or other absorbent material. Place all contaminated material in closed container for disposal.

Material Safety Data Sheet

Product Name Prostate Biopsy Fixative

Product Code

PKBPF-12



Section 7. Handling and Storage

Handling Use precautions for flammable liquids. Avoid excessive heat and sources of ignition. For large quantities, store in a flammable safety cabinet. Use well ventilated area.

Section 8. Exposure Controls, Personal Protection

Ventilation Special flammable exhaust hood if vapor concentration is high. In well ventilated areas, mechanical exhaust is sufficient.

Respiratory Protection Not normally required. If used in a poorly ventilated area, use under an approved fume hood or NIOSH approved respirator.

Skin Protection Wear chemical resistant gloves. Normal laboratory apparel suggested by Good Laboratory Practices.

Eye Protection Safety glasses

Permissible Exposure Levels (see also Section 2)

Component	CAS #	OSHA PEL	ACGIH TLV	Other Limits Recommended	Percent
Formaldehyde	50-00-0	1	.75/2		<2%
Methanol	67-56-1	200	200/250		<4%
Ethanol	64-17-5	1000	1000/NA		~43%
MIBK	108-10-1	50	50/75		<5%
Isopropanol	67-63-0	400	400/500		~3%
Acetic Acid	64-19-7	10	15-Oct		<3%

Section 9. Physical and Chemical Properties

Boiling Point	-76-99°C	Specific Gravity (H2O = 1)	0.93
Vapor Pressure (mm Hg)	38	Melting Point	
Vapor Density (AIR = 1)	1.5	Evaporation rate (Butyl Acetate = 1)	>1
Solubility in Water	Complete	Physical State	
Appearance and Odor	Orange liquid/alcohol odor	Other	

Section 10. Stability and Reactivity

Chemical Stability Stable

Materials to Avoid Strong oxidizers chromic anhydride, perchloric acids, etc.

Hazardous Decomposition Products Occurs slowly at elevated temperatures with release of formaldehyde gas.

Hazardous Polymerization Does not occur.

Material Safety Data Sheet

Product Name Prostate Biopsy Fixative

Product Code

PKBPF-12



Section 11. Toxological Information

Section 12. Ecological Information

Section 13. Disposal Considerations

All liquid and or contaminated material should be disposed of in DOT approved waste containers. Incineration for liquids is the suggested method of disposal. Comply with all Federal, State and Local regulations for disposal.

Section 14. Transport Information

US DOT (domestic ground) Ethanol Solutions, 3, II, UN1170

IATA (air) Ethanol Solutions, 3, II, UN1170

NOTE: *It is ultimately the shippers responsibility to make hazard class determination based on their best information available.*

Section 15. Regulatory Information

Section 16. Other Information

NFPA Rating: Health: 3 Flammability: 3 Reactivity: 0 Special Key Note: None

When handled properly by qualified personnel, the product described herein does not present a significant health or safety hazard. Alteration to its characteristics by concentration, evaporation, addition of other substances, or other means may present hazards not specifically addressed herein and which must be evaluated by the user. The information furnished herein is believed to be accurate and represents the best data currently available to us. No warranty, expressed or implied, is made and STATLAB MEDICAL PRODUCTS, INC. assumes no legal responsibility or liability whatsoever resulting from its use.

