

Periodic Acid Schiff (PAS) for Fungus Stain Kit

Kit Contents:

<u>Item #</u>	<u>Description</u>	<u>Volume</u>	<u>Storage Conditions</u>
PAQ250	Periodic Acid Solution	250 ml	2-8° Centigrade
SRF250	Schiff's Solution	250 ml	2-8° Centigrade
LGA125	Light Green Solution	125 ml	Room Temperature

PRODUCT NAME:	Periodic Acid Solution
CATALOG #:	PAQ
PRODUCT DESCRIPTION:	Component of the Periodic Acid Schiff (PAS) Stain Kit (Cat# PAS-1) and the Periodic Acid Schiff (PAS) for Fungus Stain Kit (Cat# PASF-1).
COMPOSITION:	Water, CAS# 7732-18-5 Periodic Acid, CAS# 10450-60-9 May contain additional non-hazardous proprietary ingredients.
PHYSICAL DATA:	
APPEARANCE / ODOR	Clear, odorless liquid.
SOLUBILITY IN WATER	Soluble.
VAPOR DENSITY	N/A
VAPOR PRESSURE	18 @ 20° C.
EVAPORATION RATE	1 (Water = 1)
MELTING POINT	N/A
BOILING POINT	100° C.
FLASH POINT	Aqueous solution.
AUTO-IGNITION POINT	Aqueous solution.
LOWER EXPLOSIVE LIMIT IN AIR	Aqueous solution.
UPPER EXPLOSIVE LIMIT IN AIR	Aqueous solution.
FIRE AND EXPLOSION HAZARD DATA:	Extinguish fire using water spray or chemical foam. Wear personal protection equipment, including a self-contained breathing apparatus (S.C.B.A.) No unusual fire or explosion hazards expected.
REACTIVITY DATA:	
STABILITY	Stable.
INCOMPATIBLE MATERIALS	Strong reducing agents, strong bases.
HAZARDOUS DECOMPOSITION PRODUCTS	CO, CO ₂
HAZARDOUS POLYMERIZATION	Will not occur.
HEALTH HAZARD DATA:	
ACUTE EFFECTS:	Eye Contact: May irritate eyes. Skin Contact: May irritate skin. Ingestion: May irritate gastrointestinal tract. Inhalation: None expected.
CHRONIC EFFECTS:	Eye Contact: Unknown. Skin Contact: Unknown. Ingestion: Unknown. Inhalation: Unknown.

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FIRST AID:	<p>Eye Contact: Immediately flush eyes with copious amounts of water and get immediate medical attention. Skin Contact: Remove contaminated clothing and wash contact area with mild soap and copious amounts of water. Get medical attention if irritation develops. Inhalation: Remove person to fresh air. Get medical attention if symptoms worsen. Ingestion: Get immediate medical attention.</p>									
ADDITIONAL INFORMATION:										
HMS HAZARD CODES:	<table border="1"> <tr> <td>HEALTH</td> <td>1</td> </tr> <tr> <td>FLAMMABILITY</td> <td>0</td> </tr> <tr> <td>PHYSICAL HAZARD</td> <td>0</td> </tr> <tr> <td>PERSONAL PROTECTION</td> <td>A</td> </tr> </table>	HEALTH	1	FLAMMABILITY	0	PHYSICAL HAZARD	0	PERSONAL PROTECTION	A	
HEALTH	1									
FLAMMABILITY	0									
PHYSICAL HAZARD	0									
PERSONAL PROTECTION	A									
SPILL OR LEAK PROCEDURES:	Wear chemical resistant clothing, gloves, and eye protection. Wear NIOSH/MSHA approved breathing apparatus. Wipe up or absorb spill using inert absorbent and place in a suitable waste container for disposal.									
WASTE DISPOSAL METHOD:	Observe all federal, state and local environmental regulations.									
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:	Wear protective clothing. Avoid contact with skin and eyes. Wash thoroughly after handling. Keep tightly closed. Irritant. Keep container tightly closed.									
ADDITIONAL COMMENTS:	The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. ScyTek Laboratories shall not be held liable for any damage resulting from handling or from contact with the above product.									

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PRODUCT NAME:	Schiff's Solution
CATALOG #:	SRF
PRODUCT DESCRIPTION:	Component of the Periodic Acid Schiff (PAS) Stain Kit (Cat# PAS-1) and the Periodic Acid Schiff (PAS) for Fungus Stain Kit (Cat# PASF-1).
COMPOSITION:	Water, CAS# 7732-18-5 Hydrochloric Acid, CAS# 7647-01-0 Sodium Metabisulfite, CAS# 7681-57-4 Sodium Sulfite, CAS# 7757-83-7 Basic Red 9, CAS# 569-61-9 May contain additional non-hazardous proprietary ingredients.
PHYSICAL DATA:	
APPEARANCE / ODOR	Transparent, colorless to slightly beige liquid. Strong sulfite odor.
SOLUBILITY IN WATER	Soluble.
VAPOR DENSITY	N/A
VAPOR PRESSURE	N/A
EVAPORATION RATE	N/A
MELTING POINT	N/A
BOILING POINT	100° C.
FLASH POINT	Aqueous solution.
AUTO-IGNITION POINT	Aqueous solution.
LOWER EXPLOSIVE LIMIT IN AIR	Aqueous solution.
UPPER EXPLOSIVE LIMIT IN AIR	Aqueous solution.
FIRE AND EXPLOSION HAZARD DATA:	Extinguish fire using water spray, chemical foam, or dry chemical. Wear personal protection equipment, including a self-contained breathing apparatus (S.C.B.A.) May release sulfur dioxide under fire conditions.
REACTIVITY DATA:	
STABILITY	Stable.
INCOMPATIBLE MATERIALS	Bases, oxidizers, sodium nitrate.
HAZARDOUS DECOMPOSITION PRODUCTS	Oxides of sulfur.
HAZARDOUS POLYMERIZATION	Will not occur.
HEALTH HAZARD DATA:	
ACUTE EFFECTS:	Eye Contact: May irritate eyes. May cause chemical burns to eyes. Skin Contact: May irritate skin. Ingestion: May irritate gastrointestinal tract accompanied by vomiting. Inhalation: May be irritating to nose and throat.
CHRONIC EFFECTS:	Eye Contact: May cause blindness. Skin Contact: Unknown. Ingestion: Unknown. Inhalation: Will cause burns to the respiratory tract.
FIRST AID:	Eye Contact: Immediately flush eyes with copious amounts of water and get immediate medical attention. Skin Contact: Remove contaminated clothing and wash contact area with mild soap and copious amounts of water. Get medical attention if irritation develops. Inhalation: Remove person to fresh air. Get medical attention if symptoms worsen. Ingestion: Get immediate medical attention.
ADDITIONAL INFORMATION:	This product contains Basic Red 9 (pararosaniline), which the State of California has found to cause cancer.

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HMIS HAZARD CODES:	HEALTH	3
	FLAMMABILITY	0
	PHYSICAL HAZARD	0
	PERSONAL PROTECTION	G
Use vapor respirator, chemical goggles, apron and gloves.		
SPILL OR LEAK PROCEDURES:	Wear chemical resistant clothing, gloves, and eye protection. Wear NIOSH/MSHA approved breathing apparatus. Keep material away from heat, flame, ignition sources, and reactive materials. Wipe up or absorb spill using inert absorbent and place in a suitable waste container for disposal.	
WASTE DISPOSAL METHOD:	Observe all federal, state and local environmental regulations.	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:	Wear protective clothing. Avoid contact with skin and eyes. Wash thoroughly after handling. Keep tightly closed. Irritant. Possible carcinogen. Keep container tightly closed. Use in a chemical fume hood. Avoid breathing vapor.	
ADDITIONAL COMMENTS:	The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. ScyTek Laboratories shall not be held liable for any damage resulting from handling or from contact with the above product.	

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PRODUCT NAME:	Light Green Solution
CATALOG #:	LGA
PRODUCT DESCRIPTION:	Histology/Cytology stain solution.
COMPOSITION:	Water, CAS# 7732-18-5 Light Green S.F., CAS# 5141-20-8 May contain additional non-hazardous proprietary ingredients.
PHYSICAL DATA:	
APPEARANCE / ODOR	Green transparent liquid. Slight acetic odor.
SOLUBILITY IN WATER	Soluble.
VAPOR DENSITY	N/A
VAPOR PRESSURE	N/A
EVAPORATION RATE	N/A
MELTING POINT	N/A
BOILING POINT	100° C.
FLASH POINT	Aqueous solution.
AUTO-IGNITION POINT	Aqueous solution.
LOWER EXPLOSIVE LIMIT IN AIR	Aqueous solution.
UPPER EXPLOSIVE LIMIT IN AIR	Aqueous solution.
FIRE AND EXPLOSION HAZARD DATA:	Extinguish fire using water spray, carbon dioxide, chemical foam, or dry chemical. Wear personal protection equipment, including a self-contained breathing apparatus (S.C.B.A.) No unusual fire or explosion hazards expected.
REACTIVITY DATA:	
STABILITY	Stable.
INCOMPATIBLE MATERIALS	N/A
HAZARDOUS DECOMPOSITION PRODUCTS	Carbon Monoxide, Carbon Dioxide.
HAZARDOUS POLYMERIZATION	Will not occur.
HEALTH HAZARD DATA:	
ACUTE EFFECTS:	Eye Contact: May cause irritation and redness. Skin Contact: May irritate skin. Ingestion: May irritate gastrointestinal system. Inhalation: May irritate respiratory tract.
CHRONIC EFFECTS:	Eye Contact: Unknown. Skin Contact: Unknown. Ingestion: Unknown. Inhalation: Unknown.
FIRST AID:	Eye Contact: Immediately flush eyes with copious amounts of water and get immediate medical attention. Skin Contact: Remove contaminated clothing and wash contact area with mild soap and copious amounts of water. Get medical attention if irritation develops. Inhalation: Remove person to fresh air. Get medical attention if symptoms worsen. Ingestion: Get immediate medical attention.
ADDITIONAL INFORMATION:	

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HMS HAZARD CODES:	HEALTH	1
	FLAMMABILITY	0
	PHYSICAL HAZARD	0
	PERSONAL PROTECTION	B
SPILL OR LEAK PROCEDURES:	Wear chemical resistant clothing, gloves, and eye protection. Wear NIOSH/MSHA approved breathing apparatus. Keep material away from heat, flame, ignition sources, and reactive materials. Wipe up or absorb spill using inert absorbent and place in a suitable waste container for disposal.	
WASTE DISPOSAL METHOD:	Observe all federal, state and local environmental regulations.	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:	Wear protective clothing. Avoid contact with skin and eyes. Wash thoroughly after handling. Keep tightly closed. Irritant. Keep container tightly closed.	
ADDITIONAL COMMENTS:	The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. ScyTek Laboratories shall not be held liable for any damage resulting from handling or from contact with the above product.	