GFS CHEMICALS, INC.
P.O. Box 245 Powell, OH 43065
740-881-5501(Tel.) 740-881-5989(Fax)
1-800-424-9300(Chemtrec 24Hr. Info.)

MATERIAL SAFETY DATA SHEET

2436

TETRABUTYLAMMONIUM PHOSPHATE BUFFER 0.5 M SOLUTION

CHEMICAL NAME & SYNONYMS	DOT CLASS	SARA TITLE 313
Tetrabutylammonium Phosphate Buffer, 0.5 M (tetrabutylammonium ion) Solution	NR	No
	TSCA listed - Yes	

FORMULA		REPORTABLE QUANTITY	F.W.	CAS#
$[CH_3(CH_2)_3]_4N(H_2PO_4)$	<10%	N/A	339.46	5574-97-0
$(C_4H_9)_4NOH$	<10%	N/A	259.48	2052-49-5
H_2O	>80%	N/A	18.02	7732-18-5

PHYSICAL DATA
Density 1.00 @ 20°C; Completely miscible with water; pH 7.5

APPEARANCE & ODOR
Water white to light yellow liquid. May have slight amine odor.

REACTIVITY & CONDITIONS TO AVOID
Stable. Test oxidizers for compatibility before use. Avoid mists.

FIRE HAZARDS
May support combustion if evaporated to dryness and exposed to fire conditions. Remain upwind. Emits toxic fumes. Firefighters wear SCBA. NFPA # 1-1-0.

EXTINGUISHER	FLASHPOINT	LEL	UEL
Water spray, carbon dioxide or dry chemical.	N/A	N/A	N/A

HEALTH HAZARDS
May be irritating to eye, skin and respiratory tract. May be harmful if swallowed or inhaled. The toxicological properties of this product have not been investigated. OSHA PEL and ACGIH TLV not established. LD/TD no data. No evidence of carcinogenicity.

SPECIAL PRECAUTIONS
Wear goggles and gloves while handling. Use in well ventilated area or with suitable respirator if mists are present.

FIRST AID
Wash contact area thoroughly with plenty of water. Get medical attention if irritation develops. If swallowed, drink 2-4 cups of water or milk. Get medical attention. If inhaled, remove to fresh air. Give oxygen if breathing is difficult or artificial respiration if breathing stops.

SPILLS & LEAKS
Prevent flow to water supplies. Pick up and place in container for recovery or disposal.

CATALOG #	PREPARED BY	DATE
2436	MDM	November 11, 2005