

REPROCESSING PRODUCTS CORP. (RPC)

3655 N. Oracle Rd., Ste. 101, Tucson, AZ 85705 • 1-800-647-3873 / 1-520-888-5551 / 1-520-888-5557 (fax)

www.rpc-rabrenco.com

MATERIAL SAFETY DATA SHEET

Section 1. Chemical Product and Company Identification

Product Identity:	CalRite™ Standard Buffer Solution 4.00 pH
Catalog Number(s):	S-0010
Manufacturer's Name:	Reprocessing Products Corp. (RPC) 3655 N. Oracle Rd., Ste. 101 Tucson, AZ 85705
Emergency Telephone Number: Telephone Number for Information:	520-888-5551 520-888-5551
Date Prepared:	04/30/00

Section 2. Composition / Information on Main Ingredients

Component	CAS Registry #	Carcinogen	Percent (%) Concentration	Exposure Limits	
				ACGIH TVL	OSHA PEL
Potassium Acid Phthalate	877-24-7	no	0.9 – 1.1	n/a	n/a
Inert Dye	proprietary	no	<0.1	n/a	n/a
Water, Deionized	7732-18-5	no	balance	n/a	n/a

Section 3. Hazards Identification

EMERGENCY OVERVIEW	
Non-flammable, non-toxic, non-corrosive. Does not present any significant health hazards.	
POTENTIAL HEALTH EFFECTS:	TARGET ORGANS: Eyes, skin.
May cause slight irritation to skin and eyes; ingestion of large quantities may cause stomach upset.	

Section 4. First Aid Measures — in all cases seek qualified evaluation.

EYE and SKIN CONTACT:	Wash areas of contact with water for at least 15 minutes.
INHALATION:	Remove to fresh air. Give artificial respiration if necessary.
INGESTION:	Dilute with water or milk. Call physician if necessary.

Section 5. Fire Fighting Measures

Extinguishing Media:	Use any means suitable for extinguishing the surrounding fire.
Fire and Explosion Hazards:	Not considered to be a fire or explosion hazard.
Fire Fighting Instructions:	Use normal procedures / instructions. Use protective clothing and breathing equipment appropriate for the surrounding fire.

Section 6. Accidental Release Measures

Absorb with suitable material (paper towels, etc.) and dispose of in accordance with local regulations. Small amounts may be flushed to sewer with copious amounts of water.

Section 7. Handling and Storage

As with all chemicals, wash hands thoroughly after handling. Avoid contact with eyes. Protect from freezing and physical damage.

Section 8. Exposure Controls / Personal Protection

Engineering Controls:	No specific controls are needed; normal room ventilation is adequate.
Respiratory Protection:	Normal room ventilation is adequate.
Skin Protection:	Gloves.
Eye Protection:	Safety glasses or goggles.

Section 9. Physical and Chemical Properties

Appearance:	Clear red colored liquid.	pH:	4.0
Solubility in Water:	Infinite.	Boiling Point:	~ 100°C
Odor:	Odorless.	Melting Point:	~ 0° C
Specific Gravity:	~ 1	Vapor Pressure:	n/a

Section 10. Stability and Reactivity

Chemical Stability:	Stable under normal conditions of use and storage.
Incompatibility:	Nitric acid.
Hazardous Decomposition Products:	Oxides of carbon and potassium.
Hazardous Polymerization:	n/a

Section 11. Toxicology Information

No toxic effects noted per "Registry of Toxic Effects of Chemical Substances" (Sodium Phosphate Dibasic).

Section 12. Environmental Information

No information found regarding toxic effects on the environment.
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Section 13. Disposal Considerations

Dilute with water and flush to sewer if local regulations allow. (Weak salt solution.) If not allowed, save for recovery or recycling in an approved disposal facility. Dispose of in accordance with local, state, and federal regulations.
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Section 14. Transportation Information

Not required per DOT.

Section 15. Regulatory Information

Not meant to be all-inclusive; selected regulation represented.	
OSHA Status:	The above items do not contain any specifically hazardous material or the potentially hazardous material is present in such low concentration that the items do not present any immediate threat to health and safety. These items do not meet the OSHA Hazard Communication Standard (29 CFR 1910.100) definition of a hazardous material.

Section 16. Other Information

NFPA Ratings:	Health = 1	Flammability = 0	Reactivity = 0	Special Notice Key:	none
HMIS Ratings:	Health = 1	Flammability = 0	Protective Equipment:	Safety glasses or goggles.	