

Duplicate		MATERIAL SAFETY DATA SHEET				12/1/2008	
GENERAL INFORMATION							
Chemical Name and Synonyms		Sodium Citrate Solution (0.11M)					
Trade Name and Synonyms		Sodium Citrate					
INGREDIENTS							
Chemical Family	Salt Solution	Formula	C6 H5 Na3 O7.H2O				
Ingredients	Tri Sodium Citrate (32.35g/L), Water						
	MW*	294.1	CAS #*	68-04-02	EC #*	N/A	
Appearance and Odor	clear transparent colorless liquid						
PHYSICAL DATA							
Specific Gravity	~1	pH	~7.4				
Vapor Density	n/a	Solubility in Water	n/a				
Evaporation Rate (H2O=1)	1	Vapor pressure	n/a				
Percent Volatile by Volume (%)	n/a	Boiling Point	n/a				
FIRE AND EXPLOSION HAZARD DATA							
Flash Point	non-flammable	LEL:	n/a	UEL:	n/a	Auto Ignition Temperature	n/a
Unusual Fire and Explosion Hazards		Extinguishing Media			Special Fire Fighting Procedures		
none		n/a			n/a		
HEALTH HAZARD DATA							
Threshold Limit Value	non hazardous, non toxic			QSHA Threshold Limit Value	n/a		
Carcinogen - NPT Program	n/a			Primary Route(s) of Entry	n/a		
Carcinogen - IARC Program	n/a			ACGIH Threshold Limit Value	n/a		
Emergency First Aid	n/a						
Medical Conditions Aggravated	none						
REACTIVITY DATA							
Stability:	Stable	Conditions to Avoid	none				
Incompatibilities	none						
Hazardous Polymerizations	will not occur			Materials to Avoid	none		
ENVIRONMENTAL PROTECTION PROCEDURES							
Spill Response	flush with water						
Waste Disposal Method	mop up spill, flush to drain						
SPECIAL PROTECTION INFORMATION							
Eye Protection	yes		Skin Protection	gloves			
Ventilation Recommendation	n/a						
Other Protection	n/a						
SPECIAL PRECAUTIONS							
Hygienic Practices	n/a						
Respiratory Protection	n/a						
Precautions	n/a						