



MATERIAL SAFETY DATA SHEET

MSDS No: 0345.001.00
Revision Date: December 16, 2011
Approved by: Darius Nicpon

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Ronkonkoma, NY 11779
800-381-8003

Section 1 Chemical Product and Company Name		
Product	HEMOCYTOMETER FLUID	ITEM No: CASE-B010
Synonyms	Not available	
CHEMTREC	24 Hour Emergency Phone Number (800) 424-9300	

Section 2 Composition/Ingredients Information			
Chemical Name	CAS#	%	TLV Units
Water	7732-18-5	95-99%	None established
Sodium chloride	7647-14-5	1-5%	None established
Eosin B	548-24-3	<1%	None established

Section 3 Hazards Identification				
CAUTION! MAY CAUSE EYE IRRITATION.		0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe	Health	0
			Flammability	0
			Physical Hazard	0
			Personal Protection	C
			HMIS	

Section 4 First Aid Measures	
INGESTION: Never give anything by mouth to unconscious person. Rinse mouth and get conscious person drink a glass of milk or water. Do NOT induce vomiting unless directed to do so by medical personnel. Get immediate medical attention.	
INHALATION: Remove to fresh air. Get medical attention if necessary.	
EYE CONTACT: Wash immediately with plenty of water, and continue washing for at least 15min., occasionally lifting upper and lower eyelids. Seek medical attention immediately.	
SKIN CONTACT: Flush thoroughly with mild soap and water. Remove contaminated clothing. Get medical attention if	

Section 5 Fire Fighting Measures	
Non combustible. When heated to decomposition, emits toxic fumes of chlorine and sodium oxide.	
Extinguishing Media: Use any media suitable for extinguishing supporting fire. Flash point: N/A Autoignition temperature: N/A Explosion limits: Lower: N/A	Upper: N/A

Section 6 Accidental Release Measures	
Recover for use if not contaminated. Contain the spill with an inert absorbent material and deposit in an appropriate container. For small spills use paper towel. Place the wet medium in trash. Wash spill area with soap and water.	

Section 7 Handling and Storage	
Read label on container before using. Do not wear contact lenses when working with chemicals. Keep container tightly closed. For laboratory use only. Not for drug, food or household use. Use only under adult supervision.	
Handling: Use with adequate ventilation. Wash hands thoroughly after handling.	
Storage: Store in closed container in a dry area.	

Section 8 Exposure Controls/ Personal Protection	
Engineering controls: Avoid contact with eyes, skin and clothing. Wear chemical splash goggles, chemical-resistant gloves, and chemical-resistant apron. Respiratory protection: Non should be needed if normal laboratory handling at room temperature. Use NIOSH approved respiratory protection under dusty conditions.	

Section 9 Physical and Chemical Properties	
Physical state: Liquid Appearance: Red. Odor: No odor pH: Not available. Vapor Pressure (mm Hg): Not available Vapor Density: Not available Evaporation Rate: Not available Viscosity: Not available	Boiling point: Not available. Melting point: Not available. Freezing point: Not available Decomposition temp: Not available Solubility: Miscible in water Specific gravity (H₂O = 1): ~1.0g/cc Percent volatile (%): Not available Molecular formula: Mixture Molecular weight: Mixture

Section 10 Stability and Reactivity	
Chemical Stability: Stable Conditions to Avoid: Incompatible materials, High temperatures. Incompatibilities: Reactive with oxidizing agents, metals and acids. Hazardous decomposition: When heated to decomposition, emits toxic fumes of chlorine and sodium oxide. Hazardous polymerization: Will not occur.	

Section 11 Toxicological Information	
Effects of overexposure: Eye: Contact with eyes may cause mild irritation. Skin: Not expected to cause any acute reaction. May temporarily stain body tissue. Inhalation: Not expected to cause any acute reaction. Ingestion: May cause dehydration and harmful if large doses are ingested. Mutagenic to mammalian somatic cells. Mutagenic to bacteria/or yeast as sodium chloride. ORL-RAT LD ₅₀ : 3000mg/kg sodium chloride IHL-RAT LD ₅₀ : >42000mg/kg 1hr sodium chloride SKN-RABIT LD ₅₀ : >10000mg/kg sodium chloride	

Section 12 Ecological Information	
Data not available.	

Section 13 Disposal Considerations	
Disposal of in accordance with all local, state, and federal regulations, or contact with a licensed chemical disposal agency.	
Section 14 Transport Information	
UN number: N/A Shipping name: Not regulated Hazard Class: N/A Packing group: N/A Exceptions: N/A	

Section 15 Regulatory Information	
TSCA-listed, EINECS-listed (231-598-3) as sodium chloride	

Section 16 Other Information	
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