

# **MATERIAL SAFETY DATA SHEET**

Revision Date: December 16, 2011 Approved by: Darius Nicpon

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Section 1	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 Sodium chloride Eosin B	7732-18-5 7647-14-5 548-24-3	95-99% 1-5% <1%	None established None established 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	С

**HMIS** 

0 = Minimal

1 = Slight

#### 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

**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.

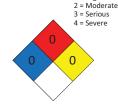
When heated to decomposition, emits toxic fumes of chlorine and sodium oxide.

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 ( $H_2O = 1$ ): ~1.0g/cc Percent volatile (%): Not available Molecular formula: Mixture Molecular weight: Mixture

#### **Stability and Reactivity** Section 10

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<sub>50</sub>: 3000mg/kg sodium chloride IHL-RAT LD<sub>50</sub>: >42000mg/kg 1hr sodium chloride SKN-RABIT LD<sub>50</sub>: >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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