



Section 1. Product and Preparation Information

Product Identifier

High-Def

Product Use

Histology / Cytology and General Use Reagent

Date Prepared

Dec 2009

Synonyms / Chemical Name

Scott's Tap Water - modified

Manufacturer/PreparerStat Lab
407 Interchange St.
McKinney, Texas 75071

469.525.4825

Fax: 972.436.1369

Tech Support: 1.800.442.3573

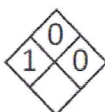
Emergency Contact

Chemtec USA and Canada 800.424.9300

Chemtec International 703.527.3887

USA Non-Transport Calls 800.225.8867

Section 2. Protective Measures



NFPA

**Personal Protection****Eyes:** Goggles**Hands:** Latex or nitrile gloves**Body:** Laboratory coat**Respiratory Wear:** approved/certified respirator
if airborne concentrations exceed exposure limits**Emergency Overview**

DANGER! IRRITANT. AVOID BREATHING VAPORS AND MIST. KEEP CONTAINER CLOSED.

USE ONLY WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. FOR LABORATORY USE ONLY

Engineering Controls: Ensure that eyewash stations and quick drench showers are proximal to the workstation or tissue processor.**Handling and Storage:** Wash thoroughly after handling. Keep containers closed and out of reach of children. Store at room temperature.**Small Spill and Leak:** Dilute with water and mop, or absorb with an inert dry material and place in an appropriate waste disposal container.**Large Spill and Leak:** Absorb with DRY earth, sand or other non-combustible material. Avoid skin and eye contact. Prevent entry into sewers, basements or confined areas: dike if needed.**Waste Disposal:** Unused Product – Disposal not regulated.

Spent product or spill clean up - Follow all provincial and federal rules.

Section 3. Hazardous Ingredients

Hazardous Ingredient	% wt.	CAS Number	LD50	LC50	TDG PIN
Glacial Acetic acid	NA	64-19-7	2,344 mg/kg acute oral mouse	NA	Not regulated

Section 4. First Aid Measures

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation persists.**Skin Contact:** Remove contaminated clothing immediately. Wash the affected areas with soap or mild detergent and large amounts of water for at least 15 minutes.**Inhalation:** Move individual to fresh air immediately. If breathing is difficult, give oxygen. If breathing has stopped, administer artificial respiration. Get medical attention.**Ingestion:** Never give anything by mouth to an unconscious person. Induce vomiting. Give no more than 2 glasses of water. Get medical attention immediately.

Section 5. Physical Data

Physical State Liquid	Odor and Appearance Odorless, slight color	Odor Threshold (ppm) N/A	Solubility Soluble in water	Auto-ignition Temp N/A
Vapor Pressure N/A	Vapor Density N/A (air=1)	Evaporation Rate N/A	Boiling Point 212°F (100°C)	Flash Point CC N/A
pH 2-3	Specific Gravity 1 Water=1	Coeff. Water/oil Dist. N/A	Freezing Point N/A	Flammable Limits N/A

Section 6. Fire and Explosion

Flammability Nonflammable	Conditions N/A	Fl. Pt - Auto Ignition - Flammable Limits See Physical Data above	Explosivity Not explosive under normal conditions of use.
Hazardous Combustion Products CO, CO ₂ , NO, NO ₂ , SO ₂ , SO ₃		Means to Extinguish Small Fire – Use DRY chemical powder. Large Fire – Use alcohol foam, water spray or fog	

Section 7. Reactivity

Stability Product is stable under normal conditions of use.	Hazardous Decomposition Products CO from incomplete combustion	
Conditions of Reactivity N/A	Hazardous Polymerization No hazardous polymerization.	Incompatibility Slightly reactive with oxidizing materials

Section 8. Toxicological Properties

Routes of Entry N/A **Target Organs** Skin, eyes and digestive tract

Effects of Acute Exposure

Eye	Slightly hazardous in case of eye contact (irritant)
Skin	Slightly hazardous (irritant). Skin inflammation is characterized by itching, scaling, reddening or occasionally blistering.
Absorption	N/A
Inhalation	Slightly hazardous in case of inhalation
Ingestion	Slightly hazardous in case of ingestion.

Effects of Chronic Exposure

Repeated contact may cause eye and skin irritation. Repeated skin exposure may cause defatting of the skin.

Carcinogenic Effects

N/A

Reproductive Toxicity

N/A

Teratogenic and Mutagenic Effects

N/A

Exposure Limits	OSHA PEL TWA	ACGIH TLV/TWA	STEL	TWAEV (Ont.)	STEV (Ont.)	CEV (Ont.)
Glacial Acetic acid	25 mg/m ³	10 ppm 15 ppm C	15 ppm	10 ppm	15 ppm	NA

Section 9. Regulatory Information

OSHA Hazardous Yes Irritant	Cal. Prop. 65 Not listed	Canadian WHMIS D2B	RCRA Regulated Not regulated
SARA 302/304 Not listed	SARA 313 Not listed	CERCLA 102A Not listed	RQ N/A
CWA 307 Not Listed	CWA 311 Not Listed	CAA 112 Release Prevention Not listed	CAA 112 Reg. Flam. Substance Not listed
CAA 112 Reg. Toxic Substance Not Listed	TSCA Inventory Listed	EEC Flammability N/A	CEPA DSL All Ingredients Listed
Proper US DOT Shipping Name Not regulated	TDG Classification Not regulated	IATA Classification Not regulated	Limited Quantity N/A

The information provided above is based upon unused product.

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