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MATERIAL SAFETY DATA SHEET

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MSDS NUMBER: 1022  
DATE PRINTED:

DYNAMIC AQUA-SUPPLY LTD.  
#112 - 8299 129TH ST.  
SURREY, BC V3W 0A6

-----EMERGENCY ASSISTANCE-----

For Emergency Assistance Involving Chemicals  
Call CHEMTREC (800) 424-9300

## STOCKARD'S SOLUTION

### Section I - IDENTIFICATION

**PRODUCT:** Stockard's solution

### Section II - HAZARDOUS INGREDIENTS

COMPOSITION	%	TLV	HAZARD
Formaldehyde	5%	2 ppm	Irritant
Acetic acid	4%	10 ppm	Harmful/toxic

### Section III - HEALTH AND FIRST AID INFORMATION

**INHALATION:** Irritation of upper respiratory tract. Bronchitis and bronchopneumonia can result from prolonged exposure. Inflammation of eyelids can occur. Formaldehyde exposure is under investigation. In case of exposure remove from contaminated area to fresh air. If patient is not breathing, apply artificial respiration and, if qualified, administer oxygen. Immediately call a physician. Keep the patient warm.

**INGESTION:** Abdominal pain, unconsciousness, collapse. In all cases, immediately call a physician. Wash out mouth thoroughly with water. If the patient is conscious, give milk or water freely to drink to dilute the chemical, induce vomiting. Repeat.

**EYE CONTACT:** Can cause irritation and eye burns. Immediately call a physician. Rinse the eyes with a gentle stream of water for at least 15 minutes, keeping the eyelids separated. Repeat if pain persists.

**SKIN CONTACT:** Can cause irritation, burns, hardening or tanning of skin, cracking and ulceration, or dermatitis. Wash thoroughly with soap and water. Remove and wash contaminated clothing before re-use. Call a physician.

### Section IV - PHYSICAL DATA

**BOILING POINT:** n. av.

**VAPOUR DENSITY (AIR=1):** n. av.

**SOLUBILITY IN WATER:** Miscible

**APPEARANCE AND COLOUR:** Clear colourless with an acetic acid odour

**SPECIFIC GRAVITY:** n. av.

**pH:** n. av.

## **Section V - FIRE AND EXPLOSION HAZARDS**

**FLASH POINT:** n. av.

**FLAMMABLE LIMITS IN AIR; % BY VOL. LOWER:** n. av.

**FLAMMABLE LIMITS IN AIR; % BY VOL. UPPER:** n. av.

**FIRE FIGHTING PROCEDURES & PRECAUTIONS:** Water spray, dry chemicals, carbon dioxide or vapourizing liquid. Wear self-contained breathing apparatus.

**FIRE & EXPLOSION HAZARDS:** May emit toxic vapours.

## **Section VI - REACTIVITY**

**STABILITY:** Unstable

**HAZARDOUS POLYMERIZATION:** Will not occur

**CONDITIONS & MATERIALS TO AVOID:** Avoid cold temperatures

**HAZARDOUS DECOMPOSITION PRODUCTS:** Unknown

## **Section VII - EMPLOYEE PROTECTION**

**CONTROL MEASURES:** In case of a spill, shut off all possible sources of ignition. Wear gloves and goggles. Dike any liquid to prevent its spread to public water sources. Mop up with plenty of water and treat with dilute ammonia solution. Run to waste diluting greatly with running water. Ventilate the contaminated area well to dispel any vapour. If formaldehyde solution enters sewers or drains inform local authorities.

**RESPIRATORY PROTECTION:** Respirators should be used and for large quantities self contained breathing apparatus should be used.

**PROTECTIVE CLOTHING:** Protective clothing or aprons should be used. Gloves should be used.

**EYE PROTECTION:** Safety goggles should be used.

**VENTILATION:** Use only with adequate ventilation. Local exhaust system or fume cupboard should be used.

**WASTE DISPOSAL:** According to all applicable regulations. Harmful to aquatic life at low concentrations. Can be dangerous if allowed to enter drinking water intakes. Do not contaminate domestic or irrigation water supplies, lakes, streams, ponds, or rivers.

### **Section VIII - REGULATORY CONTROLS**

**DEPT. OF TRANSPORTATION:** Regulated under Transport of Dangerous Goods.

**DOT CLASSIFICATION:** Class 9 U.N. 2209

**DOT PROPER SHIPPING NAME:** Dilute Formaldehyde solution

**OTHER DOT INFORMATION:** Packing group III

**WHMIS CLASSIFICATION:** D2B

**OTHER REGULATORY REQUIREMENT:** None

### **Section IX - OTHER INFORMATION**

High concentrations of vapour inhaled for long periods can cause laryngitis, bronchitis or bronchial pneumonia. Prolonged contact with skin can cause cracking of skin and ulceration, particularly around fingernails.

**PREPARED BY:** MSDS Department

**DATE:** Update October 15, 2015