

# JELL CHEMICALS, INC.

9353 Seymour Ave. Schiller Park, IL 60176

800/747-5355

## MATERIAL SAFETY DATA SHEET

Report Date: 1/19/00

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**EMERGENCY PHONE #: 1-800-535-5053**

### **Section I - Product Identification**

Product Class: Concentrated fountain solution

Product Code I.D.: JCI-480

Trade Name: Anco Quickfount fountain solution

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### **Section II A - Hazardous Ingredients**

Ingredients	CAS#	Weight%	ACGIH/TLV		OSHA/PEL		VP mm HG
Dipropylene Glycol	025265-71-8	9.75	0	N.E.	0	N.E.	.03 at 68F
Silica, Amorphous	7631-86-9	2.45	N.E.	N.E.	N/AP		
Ethylene Glycol	107-21-1	0.44	50	ppm	50	ppm	.1

*\*Ethylene Glycol is considered a hazardous air pollutant as defined by the 1990 Clean Air Act Amendments.*

(N.E.=Not Established)

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### **Section III - Physical Data**

Boiling point: 212 Degrees F Appearance: Water-like

Evaporation: Slower than n-Butyl Acetate V.O.C.: <12.0% by wt.

Volitiles volume: 70-90% Vapor Density: Lighter than air

Liquid density: Heavier than water Weight per gallon: 8.58 lbs.

Specific gravity: 1.03001 Weight %: 70-90

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### **Section IV-Fire and Explosion Hazard Data**

FLAMMABILITY CLASS: Not applicable EXTINGUISHING MEDIA: Not applicable

FLASH POINT: None SPECIAL FIRE FIGHTING PROCEDURES: None

LEL: Not applicable UNUSUAL FIRE AND EXPLOSION HAZARDS: None

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### **Section V-Health Hazard Data**

PERMISSIBLE EXPOSURE LEVEL: OSHA permissible limit-None

ACGIH threshold limit value-None

Other exposure-None

EFFECTS OF OVEREXPOSURE: (Primary routes of exposure-skin)

Eyes-Prolonged contact may cause slight irritation. Skin-Prolonged or repeated contact can cause moderate irritation, defatting or dermatitis. Breathing-Excessive inhalation of vapors and/or spray mist can cause respiratory irritation and dizziness. Swallowing-Can cause gastrointestinal irritation, nausea vomiting and diarrhea. No medical condition known to be aggravated by exposure to this material. Overexposure to a component of this mixture has apparently been found to cause long term health effects in lab animals.

TOP FOUNTAIN SOLUTION INGREDIENTS: Water(CAS 7732-18-5); Dipropylene Glycol(CAS 25265-71-8);

Silica Slurry(CAS7631-86-9); Polyacrylic pH adjuster; Potassium Hydroxide(CAS 1310-58-3)

CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN? No

NTP? No IARC? No OSHA? No

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FIRST AID: Eyes-Flush with large amounts of water lifting eyelids occasionally; if irritation persists consult a physician.  
Skin-Wash thoroughly with soap and water, remove contaminated clothing promptly; wash clothing before reuse.  
Swallowing-Small amounts should be rinsed out of mouth until the taste of it is gone. Warn doctor if large amounts have been swallowed. Breathing-Move affected person to fresh air.

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**Section VI-Reactivity Data**

STABILITY: Stable HAZARDOUS POLYMERIZATION: Will not occur

INCOMPATIBILITY: Avoid contact with strong oxidizing agents(e.g. nitric acid)

CONDITIONS TO AVOID: Excessive heat

HAZARDOUS DECOMPOSITION PRODUCTS: May form carbon dioxide, carbon monoxide

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**Section VII-Spill and Leaks Procedure**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Large spill-Dike area to prevent spreading. Absorb material for later disposal. Small spill-Wipe up and dispose of wipers in approved containers.

WASTE DISPOSAL METHOD: Large spill-Dispose of waste in accordance with federal, state and local regulations. Small spill-Flush down drain with a very large excess of water.

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**Section VIII-Employee Protection**

RESPIRATORY PROTECTION: None Required

VENTILATION: Adequate ventilation in accordance with good engineering practices should be provided.

PROTECTIVE GLOVES: Impervious gloves recommended. Avoid contact with skin and eyes.

EYE PROTECTION: Safety glasses recommended.

OTHER PROTECTIVE EQUIPMENT: Under normal conditions, no other protective equipment is necessary.

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**Section IX-Special Precautions**

HANDLING AND STORING: Store in well ventilated area away from excessive heat.

OTHER PRECAUTIONS: Concentrate contains a small percentage of phosphate.

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**Section X-Other Regulatory Information**

Under the provisions of Title III, Section 313 of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR, Part 372, the following components may be subject to reporting:

Ethylene Glycol(CAS 107-21-1) 0.44 % by wt.

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