



Material Safety Data Sheet-
Van Son All Purpose Fountain Solution
 Date: 2/6/2001

		H	M	I	S	
		Hazard Ratings				Health
Minimal	0	0	1	2	3	
Slight	1	2	3	4	5	
Moderate	2	3	4	5	6	
					Flammability	
					Reactivity	
					2	
					1	
					0	

Material Safety and Data Sheet prepared by Gus Lindquist

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

DISTRIBUTOR: Van Son Holland Ink Corporation of America
 92 Union Street, Mineola, NY 11501
Emergency Telephone: 516-294-8811
Product Class: Fountain Solution
Trade Name: Van Son All Purpose Fountain Solution

MANUFACTURER:
 Anchor Lithkemko, 50 Industrial Loop North,
 Orange Park, FL 32073
Chemtrec 24 Hour Emergency No: 800-424-9300
Manufacturer's Code ID: V2020

2. INGREDIENT COMPOSITION INFORMATION

Ingredient	CAS No.	WT%	OSHA (PEL)	ACGIH (TLV)	Carcinogen
Solvent EB (Syn.: 2-Butoxyethanol)	111-76-2	9.07	240mg/M3	240mg/M3	No
Isopropyl Alcohol (Syn.: IPA, Isopropanol)	67-63-0	5-15	980mg/M3	980mg/M3	No

3. HAZARDS IDENTIFICATION

OSHA Hazard Communication 29 CFR 1910.1200 Isopropyl Alcohol, 2-Butoxyethanol

4. FIRST AID MEASURES

EFFECTS OF OVEREXPOSURE

Eye Contact Direct contact may cause burning, tearing and redness.
Skin Contact Prolonged or repeated skin contact may result in dermatitis. May be absorbed through skin.
Inhalation No symptoms normally seen when this product is used in its intended manner.
Ingestion If swallowed, induce vomiting and seek medical attention immediately.
Medical Conditions aggravated by normal exposure: Persons with dermatitis should avoid skin contact.
Target Organs: Skin, eyes, lungs, liver, kidneys.
Primary Routes of entry Eyes, inhalation, dermal.
Systemic and other effects Chronic overexposure to Solvent EB in high concentrations has caused anemia, liver and blood abnormalities, and kidney and lung damage in laboratory animals; may cause maternal toxicity. Chronic overexposure to IPA has caused liver abnormalities, and kidney and brain damage in laboratory animals.

EMERGENCY FIRST AID PROCEDURES

- **Eye Contact** Gently flush with large amounts of water for at least 15 minutes and seek immediate medical attention.
- **Skin Contact** Remove contaminated clothing and wash thoroughly before reusing. Wash affected skin areas with soap and water. Seek medical attention if irritation persists.
- **Ingestion** If swallowed, induce vomiting and seek medical attention immediately.
- **Inhalation** Remove individual to fresh air.

5. FIRE FIGHTING MEASURES

Flash Point Above 200°F
Explosion Limits LEL: N/A UEL: N/A
Extinguishing Media Foam, carbon dioxide, dry chemical fire apparatus.
Unusual Fire and Explosion Hazards Keep work areas free of hot metal surfaces and other sources of ignition.
Special Fire Fighting Procedures Fire fighters should wear self-contained breathing apparatus and full protective clothing. Use water spray to cool nearby containers and structures exposed to fire.

6. ACCIDENTAL RELEASE MEASURES

Procedure when material spilled or released: Stop and/or contain discharge if it may be done safely. Keep all sources of ignition away and use non-sparking tools for clean up. Ventilate area of spill and cover with inert material to reduce fumes if necessary. Keep out of drains, sewers or waterways. Notify local health and pollution control agencies, and call spill response teams if large spill.

Waste Disposal Method: Dispose of in accordance with Federal, State and Local regulations.

7. HANDLING AND STORAGE

Handling: Keep product containers cool, dry and away from source of ignition. Use with adequate ventilation. Keep containers closed when not in use. **Other Precautions:** Avoid inhalation of vapors. Avoid personal contact with product. Empty containers may contain product residue and/or vapors.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation: Use sufficient ventilation.

Protective Gloves: Impermeable gloves recommended to prevent skin irritation and absorption.

Respiratory Protection: None normally necessary when this product is used in its intended manner.

Eye Protection: Safety glasses are recommended to safeguard against potential eye contact, irritation and injury.

Other Protection: The availability of eye washes and safety showers is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Volatile Organic Compounds: (VOCs) 1.65 lbs./gallon

Boiling Range °F: > 180-340°

Vapor Density vs. Air: Heavier

Density: 9.00 lbs./ gallon ASTM D1475

Type of Odor: Alcohol

Appearance: Pink Liquid

Evaporation Rate vs. Butyl Acetate: slower

Percentage Volatile By Weight: 85-90% ASTM D2369

200 Grams/liter Method 24

Freezing Point °F: N/A

Vapor Pressure: N/A

Specific Gravity: 0.98

Odor Threshold: Mild

pH: 4.2

Coefficient of Water/oil Distribution: N/A

10. STABILITY AND REACTIVITY

Product Stability: Stable

Materials to Avoid: Strong oxidizing agents, acids and bases. Avoid storage above 90°F. Keep containers closed when not in use.

Hazardous Decomposition Products: Thermal decomposition in the presence of air may yield carbon monoxide and/or carbon dioxide.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

CarcinogenContains no materials that are considered carcinogenic by OSHA or the National Toxicology Program (NTP), or The International Agency for Research on Cancer (IARC)

MutagenNo

TeratogenNo

Reproductive ToxicityNo

12. ECOLOGICAL INFORMATION

This product has not been evaluated, but there is no evidence to suggest it will cause any significant environmental problem.

13. DISPOSAL CONSIDERATIONS

Material Released or spilled: This product is not regulated under the Federal Resource Conservation and Recovery Act (RCRA) as a hazardous waste. State and/or local regulations may apply. Spill should be contained, absorbed with suitable absorbent material and placed in suitable containers for disposal in a licensed facility in accordance with Local, State and Federal laws. Do not discharge into waterways or sewer systems.

14. TRANSPORT INFORMATION-- DOT (HM 181) : Not required -- Shipping Labels: None required**15. REGULATORY INFORMATION**

TSCA (Toxic Substance Control Act).....All ingredients listed in TSCA Inventory

CERCLA Superfund 40CFR 117.302.....Contains no reportable materials

SARA Title IIIContains 9.07% 2-Butoxyethanol

FDA.....This is not a food additive and would not have approval for direct or indirect contact with food.

EINECS (European Economic Community).....All ingredients listed.

California Proposition 65.....None

CONEG Legislation.....Meets all current State and Heavy Metal limitations.

Canadian WHMIS.....Controlled product-- Class D2

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