



HOLLAND INK CORPORATION OF AMERICA
888 Vets Hwy. Hauppauge, NY 11788

**Material Safety Data Sheet-
Van Son All Purpose Fountain Solution**
Date: 1-1-2012

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

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

DISTRIBUTOR: Van Son Holland Ink Corporation of America MANUFACTURER:
888 Vets Hwy. Hauppauge, NY 11788 Tower Products, Inc., 2703 Freemansburg Ave.,
Easton, PA 18045
Emergency Telephone: 631-715-7000 Chemtrec 24 Hour Emergency No-800-424-9300
Product Class: Fountain Solution Manufacturer s Code ID: V2020
Trade Name: Van Son All Purpose Fountain Solution

2. INGREDIENT COMPOSITION INFORMATION

Ingredient	CAS No.	W T %	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

EFFECTS OF OVEREXPOSURE

Eye Contact Flush with large volume of water for 15-20 min. Get immediate medical attention.
Skin Contact Flush with large volume of water for at least 15 minutes. Get immediate medical attention if necessary.
Inhalation Remove to fresh air. Get immediate medical attention if necessary.
Ingestion Get immediate medical attention for advise on whether or not to induce vomiting. Make physician aware of product ingredients
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 (Tag Closed Cup Method): 110 degrees F.
Explosion Limits LEL: N/A UEL: N/A
Extinguishing Media Water
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: Local and mechanical exhaust recommended. Avoid open electrical sources near product vapor areas.
 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, safety shoes, aprons and safety showers is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Volatile Organic Compounds: (VOCs)	1.5 lbs./gallon	200 Grams/liter Method 24
Boiling Point:	180 degrees F (IBP Isopropyl Alcohol)	Freezing Point °F: N/A
Vapor Density vs. Air:	Heavier	Vapor Pressure: N/A
Density:	9.00 lbs./gallon ASTM D1475	Specific Gravity: 0.98
Type of Odor:	Alcohol	Odor Threshold: Mild
Appearance:	Pink Liquid	pH: 4.0
Evaporation Rate vs. Butyl Acetate:	slower	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

Carcinogen Contains no materials that are considered carcinogenic by OSHA or the National Toxicology Program (NTP), or The International Agency for Research on Cancer (IARC)
 Mutagen No
 Teratogen No
 Reproductive Toxicity No

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 III Contains 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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