

Material Safety Data Sheet # 151
For Printing Inks and related Materials
OSHA Hazard Communication Standard, 29 CFR 1910.1200

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MSDS #: 151

I. PRODUCT IDENTIFICATION

<p>Manufacturer: Gans Ink and Supply Co, Inc. Address: 1441 Boyd Street Los Angeles, CA 90033</p> <p>Emergency phone: (323) 264-2200</p>	<p>HMIS HAZARD IDENTIFICATION</p> <table border="1"> <tr> <td>Health</td><td>1</td></tr> <tr> <td>Flammability</td><td>0</td></tr> <tr> <td>Reactivity</td><td>0</td></tr> <tr> <td>Personal Protection</td><td>C</td></tr> </table>	Health	1	Flammability	0	Reactivity	0	Personal Protection	C
Health	1								
Flammability	0								
Reactivity	0								
Personal Protection	C								
<p>Product Class: Fountain Solution</p>	<p>Manufacturer's code: S-1221</p>								
<p>Trade Name: Gans Omni Etch # 3</p>									

II. HAZARDOUS INGREDIENTS

Material	CAS #	%	Exposure Limits	Units
2- Butoxyethanol (EB)	111-76-2	5 – 8	OSHA/ PEL ACGIH TLV skin	25 ppm 20 ppm
Glycerine	56-81-5	5 – 7	OSHA PEL/ TWA 10 mg/m3 ACGIH TLV/ TWA 10 mg/m3	
2- Ethoxyethanol (EE)	110-80-5	1 – 2	OSHA PEL / TWA skin ACGIH TLV / TWA skin	200 ppm 5 ppm

III. HEALTH HAZARD INFORMATION

Effects of Overexposure
<p>Inhalation: This product is not expected to present an inhalation hazard at ambient conditions. Caution should be taken to prevent aerosolization or misting of this product. Acute overexposure may result in irritation of the nose and throat, respiratory tract and lungs. Pre existing lung disorders may be aggravated by exposure to this product resulting in cough, CNS depression (central nervous system). Symptoms include dizziness, weakness, drowsiness, fatigue, nausea, headache and unconsciousness.</p>
<p>Skin Contact: Avoid skin contact. This product is slightly irritating to the skin upon direct contact. Prolonged or repeated contact may result in contact dermatitis which is characterized by dryness, chapping, burning, skin burns and reddening. This condition may make the skin more susceptible to other irritants, sensitizers, and disease. Pre-existing skin conditions may make the skin more susceptible and facilitate uptake by this route.</p>
<p>Eye Contact: Avoid eye contact. This product may be irritating to the eyes upon direct contact. Symptoms may include stinging, tearing, redness and swelling. Exposure to high concentrations of liquids or vapors may be irritating to the eyes.</p>
<p>Ingestion: Do not ingest. Ingestion of small quantities is usually nonfatal unless aspiration occurs. Swallowing large amounts may be harmful. Severe oral intoxication will lead to intense burning of the throat, gastrointestinal irritation, vomiting, nausea, and diarrhea and may result in drowsiness, dullness, numbness, and headache followed by dizziness, weakness, and nausea. Loss of consciousness and convulsions followed by death may result. This material can enter lungs during swallowing or vomiting and cause lung inflammation and / or damage. See <i>Notes to Physician</i> section below.</p>

IV. FIRST AID PROCEDURES

Emergency & First Aid Procedures
Eyes: Immediately flush eyes with large amounts of water and continue flushing for 15 minutes while holding eyelids apart, until irritation subsides. If irritation persists, seek medical attention.
Skin: Remove contaminated clothing. Wash contaminated area thoroughly with soap and water. If redness or irritation occurs, seek medical attention. Launder clothing before reuse.
Inhalation: Remove victim from exposure. If breathing has stopped or is irregular, administer artificial respiration and supply oxygen if it is available. Keep individual quiet and warm. If victim is unconscious, remove to fresh air and seek immediate medical attention.
Ingestion: DO NOT induce vomiting. This material is an Aspiration hazard. If person is drowsy or unconscious place on left side with head down, Seek immediate medical attention. Do not leave unattended.
Notes to Physician: Aspiration may lead to chemical pneumonitis which is characterized by pulmonary edema and hemorrhage, and may be fatal. Signs of lung involvement include increased respiration rate, increased heart rate, and a bluish discoloration of the skin. Coughing, choking, and gagging are often noted at the time of aspiration. Gastrointestinal discomfort may develop, followed by vomiting, with risk of aspiration.

V. FIRE AND EXPLOSION DATA

Flash Point °F: None		Auto-ignition Temperature °F: No Data	
Flammable Limits in Air (% Volume)	Lower Limit: No Data		Upper Limit: No Data
Extinguishing Media: Use water fog, foam, CO ₂ , or dry chemical extinguishing media; for surrounding fire.			
Special Fire Fighting Procedures: Use self contained breathing apparatus and protective clothing.			
Unusual Fire & Explosion Hazard: None.			

VI. ACCIDENTAL RELEASE

Steps to be taken in event of spill or release: Stop spill at its source. Eliminate all sources of ignition, flames or sparks. Wear protective clothing and gloves. Absorb spills with inert material such as vermiculite, sand, or other absorbent material. Scrape up with trowel or scoop and place in a suitable container. Clean up with a suitable solvent. Prevent spills from entering drains, sewers, streams or other bodies of water. Prevent from spreading.

VII. HANDLING AND STORAGE

Handling and Storage: Store in containers in a cool, well-ventilated area. Keep away from all sources of ignition, open flame, sparks etc. Wear chemical splash goggles and gloves when using. Avoid prolonged contact with skin, contact with eyes, and breathing of mist or vapor. Containers of this material may be hazardous when emptied since emptied containers retain product residues (vapor, liquid, and / or solids). Always wash hands and face with soap and water before eating, drinking, and smoking.
Other Precautions: For industrial use only. Do not ingest. Consumption of food and beverages should be avoided in work areas where hydrocarbons are present

VIII. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ventilation Requirements: If vapor or mist is generated when the material is heated or handled, adequate ventilation in accordance with good engineering practice must be provided to maintain concentrations below the specific exposure or flammable limits.
Personal Protective Equipment
Respirator: Respiratory protection is not required under conditions of normal use. If vapor or mist is generated when the material is heated or handled, use an organic vapor respirator with a dust and mist filter. All respirators must be NIOSH certified. Do not use compressed oxygen in hydrocarbon atmospheres.
Skin: For prolonged exposures, use impervious synthetic rubber clothing (boots, gloves, apron etc.) over parts of the body subject to exposure.
Eye: If material is handled such that it could be splashed into eyes, wear plastic face shield, safety glasses or

splash-proof safety goggles.

IX. PHYSICAL AND CHEMICAL DATA

Boiling Range °F: 212 F	Vapor Density (Air = 1): < 1
Relative Density (H₂O = 1): 1.04	Vapor Pressure (mm Hg @ 70°F): N/A
Material Density Lbs./Gal: 8.70	Solubility in Water: Soluble
%Volatiles by Weight: 17.2	% Solids by Weight: 82.8 pH: 4.2
VOC: lbs/gal: 1.5 Method 24 g/L: 177.0	Appearance/Odor: Clear colorless liquid / mild odor

X. STABILITY AND REACTIVITY INFORMATION

Stability (Thermal, Light, etc.): Stable	Conditions to avoid: Excessive heat, sources of ignition.
Hazardous Polymerization: Will not occur.	Materials to avoid: Avoid contact with strong oxidizers and strong alkalis.
Hazardous Decomposition Products: None known.	

XI. TOXICOLOGICAL INFORMATION

CARCINOGEN: This product has not been identified as a carcinogen by OSHA or the National Toxicology Program (NTP), or the International Agency for Research Cancer (IARC).

Mutagen: No Data

Teratogen: No Data

Reproductive Toxicity: No Data

XII. ECOLOGICAL INFORMATION

This product has not been evaluated at this time. As with all chemicals, do not allow to enter drains, sewers, waterways etc.

XIII. DISPOSAL INFORMATION

Waste Disposal Method: If recycling as ink is not possible, material may be incinerated or land filled at a licensed facility in accordance with local, state, and federal regulations.

XIV. TRANSPORT INFORMATION

Flammability Classification:

OSHA: Class III B

DOT: Not Regulated

XV. REGULATORY INFORMATION

SARA Title III Section 313:

This material DOES NOT contain chemicals subject to the reporting requirements of the SARA Superfund Amendments and Reauthorization Act.

TSCA Section 8(b) Inventory Status:

All component(s) of this product are either exempt or listed on the TSCA Inventory.

U.S. State Regulations

California Proposition 65:

This product does not intentionally contain any chemicals known by the state of California to cause cancer and/or reproductive harm. Moreover, Gans Ink and Supply Co., Inc. does not routinely analyze its products for impurities which may be such chemicals.

XVI. OTHER INFORMATION

The information herein is presented in good faith, based on the data available to us and is believed to be correct as of the date hereof. However, Gans Ink and Supply Co., Inc. makes no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Gans Ink and Supply Co., Inc. assumes no responsibility for any damages of any nature directly or indirectly resulting from the use of or reliance upon the information contained herein. Users must make their own determination as to the suitability of the product for their purpose prior to use. In accordance with good practices of personal cleanliness and hygiene, handle with due care and avoid unnecessary contact with this product.