

**Material Safety Data Sheet # 299**  
**For Printing Inks and related Materials**  
**OSHA Hazard Communication Standard, 29 CFR 1910.1200**

Date of preparation: 8/5/10  
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 MSDS #: 299

**I. PRODUCT IDENTIFICATION**

Manufacturer: Gans Ink and Supply Co, Inc. Address: 1441 Boyd Street Los Angeles, CA 90033  Emergency phone: (323) 264-2200	<b>HMIS HAZARD IDENTIFICATION</b>								
	<table border="1"> <tr><td>Health</td><td>1</td></tr> <tr><td>Flammability</td><td>1</td></tr> <tr><td>Reactivity</td><td>0</td></tr> <tr><td>Personal Protection</td><td>B</td></tr> </table>	Health	1	Flammability	1	Reactivity	0	Personal Protection	B
Health	1								
Flammability	1								
Reactivity	0								
Personal Protection	B								
<b>Product Class:</b> Low VOC Aqueous Coating & Shop Cleaner	<b>Manufacturer's code:</b> S-1853								
<b>Trade Name:</b> CA Aqueous Coating Cleaner									

**II. COMPOSITION / INGREDIENTS**

Material	CAS #	%	Exposure Limits	Units
Butyl Oxitol	111-76-2	20 - 40	ACGIH/ PEL	50 ppm
			ACGIH / TLV	50 ppm
			OSHA TWA / PEL	25 ppm
Triethanolamine	102-71-6	3 - 7	ACGIH/ PEL	Not Established
			ACGIH/ TLV	Not Established
			OSHA TWA/ PEL	Not Established

**III. HEALTH HAZARD INFORMATION**

<b>Effects of Overexposure</b>
<b>Inhalation:</b> Inhalation of excessive concentrations of vapors or mists may cause irritation of nose and throat, drowsiness, loss of coordination, headaches and fatigue.
<b>Skin Contact:</b> Avoid skin contact. This product is irritating to the skin upon direct contact. One or more components of this material are a skin irritant. This product may be absorbed through the skin. Prolonged or repeated contact may result in contact dermatitis which is characterized by dryness, chapping, 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.
<b>Eye Contact:</b> Avoid eye contact. One or more components of this product is an eye irritant. Direct contact with the liquid or exposure to vapors or mists may cause stinging, tearing, and swelling.
<b>Ingestion:</b> Do not ingest. One or more components of this product are toxic by ingestion. Symptoms of toxicity include: abdominal pain, nausea, vomiting, drowsiness, dizziness, malaise, and loss of coordination, fatigue, possible blood disorders, and kidney & liver damage. One or more components of this product is an aspiration hazard, and can enter the lungs during swallowing or vomiting, and cause lung inflammation and damage. May aggravate existing kidney & liver disorder and/or disease. See <i>Notes to Physician</i> section below.
<b>Warning:</b> Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage (sometimes referred to as Solvent or Painters Syndrome). Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

#### IV. FIRST AID PROCEDURES

Emergency & First Aid Procedures
<b>Eyes:</b> Immediately flush eyes with large amounts of water and continue flushing for 15 minutes Seek immediate medical attention.
<b>Skin:</b> Remove contaminated clothing. Immediately wash contaminated area thoroughly with soap and water. Wash clothing before future reuse. If skin is damaged, apply dressing and seek immediate medical attention.
<b>Inhalation:</b> Inhalation of excessive concentrations of vapors or mists may cause irritation of nose and throat, drowsiness, loss of coordination, headaches and fatigue, if any of these symptoms occur, remove victim from exposure. Victim should seek air free of vapors. If breathing has stopped or is irregular, administer artificial respiration and supply oxygen if it is available. If victim is unconscious, remove to fresh air and seek immediate medical attention.
<b>Ingestion:</b> DO NOT induce vomiting. <b>Obtain medical attention immediately.</b> If patient is fully conscious, give him two glasses of water.
<b>Notes to Physician:</b> 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

<b>Flash Point °F:</b> >200 °F	<b>Auto-ignition Temperature °F:</b> No Data
<b>Flammable Limits in Air</b>	<b>Lower Limit:</b> No Data <b>Upper Limit:</b> No Data
<b>Extinguishing Media:</b> Extinguish with a universal type foam, CO <sub>2</sub> , or dry chemical extinguishing media. Water may be ineffective.	
<b>Special Fire Fighting Procedures:</b> Water may be unsuitable as an extinguishing medium, but can be used to cool containers exposed to heat or flame. Avoid spreading burning liquid with water. The use of self-contained breathing apparatus is recommended for fire fighters.	
<b>Unusual Fire &amp; Explosion Hazard:</b> None, the flash point is above 200 °F.	

#### VI. ACCIDENTAL RELEASE

<b>Steps to be taken in event of spill or release:</b> Stop and / or contain discharge. Ventilate spill area. Cover with absorbent material, such as vermiculite, clay, dirt etc. Place in a suitable container for disposal. Keep out of waterways, sewers, drains etc.
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#### VII. HANDLING AND STORAGE

<b>Handling and Storage:</b> Use and store containers in a cool, well-ventilated area and keep closed when not in use. Do not store in areas with excessive hot or cold temperatures. Excessive temperatures may cause viscosity instability. Consumption of food and beverages should be avoided in work areas. Avoid prolonged contact with skin, contact with eyes, and breathing of mist or vapor.
<b>Other Precautions:</b> For industrial use only. Do not ingest. Always wash hands and face with soap and water before eating, drinking, and smoking.

#### VIII. EXPOSURE CONTROLS AND PERSONAL PROTECTION

<b>Ventilation Requirements:</b> General mechanical ventilation may be sufficient to keep product vapor concentrations within specified time- weighted TLV ranges.
Personal Protective Equipment
<b>Respirator:</b> Respiratory protection is not required under conditions of normal use. General room ventilation is adequate. 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.
<b>Skin:</b> The use of gloves which are impermeable to the specific material handled is advised to prevent skin irritation and absorption.
<b>Eye:</b> Use approved eye protection to safeguard against potential eye contact, irritation, and injury. Wear

plastic face shield or splash-proof safety glasses goggles.

#### IX. PHYSICAL AND CHEMICAL DATA

<b>Boiling Point °F:</b> 212 °F	<b>Vapor Density (Air = 1):</b> > 1
<b>Relative Density (H<sub>2</sub>O = 1):</b> 1.01	<b>Vapor Pressure (mm Hg @ 70°F):</b> N/A
<b>Material Density Lbs./Gal:</b> 8.40	<b>Solubility in Water:</b> Soluble
<b>% Volatile Organic Compound (VOC) by Weight:</b> 9.9	<b>Evaporation Rate:</b> < Water <b>pH:</b> 10.0
<b>VOC: lbs/gal:</b> 0.83 Method 24 <b>g/L:</b> 100	<b>Appearance/Odor:</b> Glycolic /Lt. Purple Liquid

#### X. STABILITY AND REACTIVITY INFORMATION

<b>Stability (Thermal, Light, etc.):</b> Stable	<b>Conditions to avoid:</b> Excessive hot and cold temperatures. Excessive temperatures may cause viscosity instability.
<b>Hazardous Polymerization:</b> Will not occur.	<b>Material to avoid:</b> Strong Acids
<b>Hazardous Decomposition Products:</b> None known.	

#### XI. TOXICOLOGICAL INFORMATION

<b>CARCINOGEN:</b> This product has not been identified as a carcinogen or probable by OSHA or the National Toxicology Program (NTP), or the International Agency for Research Cancer (IARC).	
<b>Mutagen:</b>	No Data
<b>Teratogen:</b>	No Data
<b>Reproductive Toxicity:</b>	No Data

#### XII. ECOLOGICAL INFORMATION

This product has not been evaluated at this time.

#### 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

<b>Flammability Classification:</b>	
<b>OSHA:</b>	Class III B
<b>DOT Hazard Classification:</b>	Non Hazardous Liquid
<b>DOT Shipping Name:</b>	Aqueous Liquid
<b>IMDG Hazard Classification:</b>	Non Hazardous
<b>IATA Hazard Classification:</b>	Non Hazardous
<b>IMDG/ IATA Shipping Name:</b>	Non Hazardous

#### XV. REGULATORY INFORMATION

**SARA Title III Section 313:**  
This material Does Not contains a chemical 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. do 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.