

**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								
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<b>Product Class:</b> Non Piling Additive	<b>Manufacturer's code:</b> S - 1825								
<b>Trade Name:</b> Gans NPA									

**II. HAZARDOUS INGREDIENTS**

Material	CAS #	%	Exposure Limits	Units
Ethylene Glycol	107-21-1	40 – 60	ACGIH / TLV	50 ppm

**III. COMPOSITION INGREDIENTS**

Material	CAS #	%	Exposure Limits	Units

**IV. PHYSICAL DATA**

<b>Boiling Range °F:</b> 387	<b>Vapor Density (Air = 1):</b> > 1.0
<b>Relative Density (H<sub>2</sub>O = 1):</b> 1.05	<b>Vapor Pressure:</b> Negligible
<b>Material Density Lbs./Gal:</b> 8.76	<b>Evaporation Rate :</b> Slower than Ether
<b>% Volatiles by Weight:</b> 52.3	<b>Solubility in Water:</b> Soluble
<b>VOC Lbs/Gal:</b> 4.58 <b>g/L:</b> 549	<b>Appearance/Odor:</b> Water – white / liquid Mild Odor

**V. FIRE AND EXPLOSION DATA**

<b>Flash Point °F:</b> 232 Method TCC	<b>Auto-ignition Temperature °F:</b> N/A
<b>Flammable Limits in Air</b>	<b>Lower Limit:</b> N/A <b>Upper Limit:</b> N/A
<b>Extinguishing Media:</b> Alcohol Foam, CO <sub>2</sub> , Dry Chemical, and Water Fog.	
<b>Special Fire Fighting Procedures:</b> Use approved self- contained breathing apparatus.	
<b>Unusual Fire &amp; Explosion Hazard:</b> Fire containers should be cooled with water to prevent pressure build – up which could result in container rupture.	

**VI. HEALTH HAZARD INFORMATION**

<b>Effects of Overexposure</b>
<b>Inhalation:</b> May cause irritation to nose and respiratory tract. Pre - existing respiratory disorder may be aggravated.
<b>Skin Contact:</b> May cause irritation. Pre -existing skin disorder may be aggravated. Prolonged or repeated contact may result in dermatitis
<b>Eye Contact:</b> May cause irritation. Pre-existing eye disorder may be aggravated
<b>Ingestion:</b> High vapor concentrations may cause CNS depression. Prolonged or repeated contact may result in damage to liver and kidneys.
<b>Emergency &amp; First Aid Procedures</b>
<b>Eyes:</b> In case of eye contact flush eyes with large amounts of water and continue flushing for 15 minutes Seek immediate medical attention.
<b>Skin:</b> If this product should come in contact with skin, immediately flush affected area with soap, water and remove contaminated clothes. Wash clothing before future reuse.
<b>Inhalation:</b> Remove to fresh air and provide oxygen if breathing is difficult.
<b>Ingestion:</b> If this product is swallowed, do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. Seek immediate medical attention.
<b>Comments:</b> May cause CNS (central nervous system) depression which may be evidenced by giddiness, headache,

dizziness and nausea, in extreme cases unconsciousness and death may occur.

#### VII. REACTIVITY INFORMATION

<b>Stability (Thermal, Light, etc.):</b> Stable	<b>Conditions to avoid:</b> Heat, sparks and open flame. <b>Incompatibility :</b> Strong oxidizing agents
<b>Hazardous Polymerization:</b> Will not occur	<b>Hazardous Decomposition Products:</b> Thermal decomposition may yield carbon dioxide and / or carbon monoxide

#### VIII. ENVIRONMENTAL PRECAUTIONS

**Steps to be taken in event of spill or release:** Remove all sources of ignition and provide ventilation. Large spills may be pumped to salvage vessels. Small spills may be picked up with an absorbent material.

**Waste Disposal Method:** Place in tightly closed containers and dispose of product in accordance with local, county, state and federal regulations.

#### IX. SPECIAL PROTECTION INFORMATION

**Ventilation Requirements:** Use explosion proof ventilation as required to control vapor concentrations.

##### Personal Protective Equipment

**Respirator:** Use self-contained breathing apparatus where vapor concentrations may be above TLV limits. Where vapor does not exceed TLV limits, use NIOSH / MSILA approved respirator.

**Eye:** Use Safety glasses, splash goggles or face shield. Contact lenses should not be worn.

**Protective Gloves:** The use of gloves which are impermeable to the specific material handled is advised to prevent skin irritation and absorption.

**Other Protective clothing or equipment:** Safety showers and eyewash stations should be provided. Wash hands thoroughly before eating or using the washroom. Smoke in smoking areas only.

#### X. SPECIAL PRECAUTIONS

**Handling and Storage:** Keep away from heat, sparks and open flame. Keep containers closed when not in use. Use with adequate ventilation. Ground equipment to prevent accumulation of static charge. Do not cut, weld, drill or grind on or near containers.

#### XI. SHIPPING DATA

**Flammability Classification:** Combustible

**OSHA:** Class III B

**DOT Hazard Classification:** Non D.O.T Regulated

**DOT Bulk Shipping Name:** Non D.O.T Regulated

#### XII. ADDITIONAL NOTES

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

**SARA 313 Components – 40 CFR370.2**

This product contains chemicals subject to the reporting requirements of **SARA 313-40 CFR 372.65**

	CAS #	%
Ethylene Glycol	107-21-1	40-60

##### California Proposition 65 Warning:

This product does not contain any chemicals known to the state of California to cause cancer and/or reproductive harm.

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. make no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.

Moreover, Gans Ink and Supply Co. do not routinely analyze its products for impurities, which may be such chemicals. Gans Ink and Supply Co., Inc. assume 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.