



GANS INK  
& SUPPLY CO.

## Safety Data Sheet

In compliance with OSHA Hazard Communication Standard (29 CFR 1910.1200)

---

### SECTION 1: IDENTIFICATION

---

**SDS Number:** S-1638, version 7/12/2018

**(a) Product identifier**

**Gans Item ID:** S-1638, S-1638D, S-1638G, S-1638P, S-1638Q

**Gans Description:** Gans UV 100 Wash

**(b) Other means of identification**

**General description:** Lithographic press cleaning solvent

**(c) Recommended use**

**Product Use:** Industrial use only

**Restrictions on use:** Not for residential use.

**(d) Supplier's details**

**Manufacturer:** Gans Ink and Supply Co, Inc.

**Address:** 1441 Boyd Street  
Los Angeles, CA 90033

**Contact Person:** Marco Ramos

**Telephone:** 323- 264-2200 x139

**Email:** [MSDS@gansink.com](mailto:MSDS@gansink.com)

**(e) Emergency telephone numbers:**

**Chemical spill or physical hazard:** Contact the Local Emergency Response Agency 9-1-1 or the Local Fire Department

**Ingestion or health hazard:** Contact the National Capital Poison Center, Poison Control: 800 222-1222; Poison.org

---

### SECTION 2: HAZARD(S) IDENTIFICATION

---

**(a) Classification:** Classified as Hazardous according to OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Physical hazards:**

- Flammable Liquid -- Category 4

**Health hazards:**

- Eye Damage/Irritation – Category 2B
- Specific Target Organ Toxicity, Single Exposure – Category 3

**(b) Label elements**

**Signal Word:** Warning

**Hazard Statements:** Combustible liquid; Causes serious eye irritation; May cause respiratory irritation



GANS INK  
& SUPPLY CO.

**Precautionary Statements:** Keep away from flames and hot surfaces. – No smoking. Wear protective gloves/eye protection/face protection.

Avoid breathing fume/mist/ vapors/spray. Use only outdoors or in a well-ventilated area. Wash contaminated areas thoroughly after handling.

**Response:**

In case of fire: Use foam, or dry chemical to extinguish.

IF ON SKIN OR HAIR: Wash with water and mild soap.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

**Storage:** Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up.

**Disposal:** Dispose of contents/container to disposal recycling center. Waste management should be in full compliance with federal, state and local laws.

**Hazard Pictograms:**



**(c) Hazards not otherwise classified:** None known

**(d) Ingredients of unknown acute toxicity:** NA

---

**SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS**

---

Substance	CAS # (TS = trade secret)	Conc. min. (wt. %)	Conc. max. (wt. %)
Poly(oxy-1,2-ethanediyl), $\alpha$ -(1-oxododecyl)- $\omega$ -[(1-oxododecyl)oxy]-	9005-02-1	70.0%	75.0%
Proprietary blend	TS	10.0%	20.0%
2-butoxyethanol	111-76-2	1.0%	10.0%

---

**SECTION 4: FIRST AID MEASURES**

---

**(a) Description of first aid measures:**

**Inhalation:** Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.

**Skin contact:** Wash with water and mild soap.

**Eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

**Ingestion:** No data available

**(b) Most important symptoms and effects, both acute and delayed:**

**Inhalation:** May cause respiratory irritation

**Skin contact:** Data not available.

**Eye contact:** Causes serious eye irritation

**Ingestion:** Data not available.

**(c) Indication of any immediate medical attention and special treatment needed:** Data not available.

---

## SECTION 5: FIRE – FIGHTING MEASURES

---

**(a) Extinguishing Media:**

**Suitable extinguishing media:** Foam, dry chemical; use water spray to cool exposed surfaces.

**Unsuitable extinguishing media:** Water with full jet.

**(b) Special hazards arising from the substance or mixture:** Vapors are heavier than air and may accumulate in low or inadequately ventilated areas. Vapors may travel along the ground to be ignited at locations distant from the handling site. Flashback or flame to the handling site may occur.

**(c) Special protective equipment and precautions for fire-fighters:** Wear NIOSH approved self-contained respiratory protective device, and fully protective fire-fighting suit.

---

## SECTION 6: ACCIDENTAL RELEASE MEASURES

---

**(a.i) Personal precautions:** Ensure adequate ventilation for general industrial environment. Wear protective gloves/eye protection/face protection. Avoid breathing fume/mist/ vapors/spray. Keep away from flames and hot surfaces. – No smoking.

**(a.ii) Protective equipment:** See Section 8 for details. Use personal protective equipment that is appropriate for the general industrial environment.

**(a.iii) Emergency procedures:** Follow emergency procedures that are appropriate for the general industrial environment.

**(b) Methods for containment and cleaning up:** Dike and contain spill. Soak up with inert absorbent material.

---

## SECTION 7: HANDLING AND STORAGE

---

**(a) Precautions for safe handling:** Do not ingest. Keep away from flames and hot surfaces. – No smoking. Wear protective gloves/eye protection/face protection. Avoid breathing fume/mist/ vapors/spray. Use only outdoors or in a well-ventilated area. Wash contaminated areas thoroughly after handling.

**(b) Conditions for safe storage:** Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up.

**Incompatibilities:** High temperatures, localized heat sources (i.e.: drum or band heaters), oxidizing conditions, freezing conditions, direct sunlight, ultraviolet radiation, inert gas blanketing, strong oxidizers, strong reducers, free radical initiators, inert gases, oxygen scavengers.

## SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

(a) Permissible exposure limits		OSHA PEL		Cal/OSHA PEL	NIOSH REL	ACGIH 2015 TVL
Substance	CAS #	ppm	mg/m <sup>3</sup>	8-hour TWA (ST) STEL (C) Ceiling	Up to 10-hour TWA (ST) STEL (C) Ceiling	8-hour TWA (ST) STEL (C) Ceiling
2-butoxyethanol	111-76-2	50	240	20 ppm	5 ppm	20 ppm

No other hazardous ingredients appear on OSHA Annotated Tables Z-1, Z-2, or Z-3.

### **(b) Appropriate engineering controls:**

**Ventilation requirements:** Use only outdoors or in a well-ventilated area.

**General protective measures:** Ensure that eye flushing /eye wash stations, and hand washing areas are accessible.

### **(c) Personal protective equipment:**

**Inhalation:** Where mist/vapor/spray is present, an organic vapor full facepiece respirator is recommended (to protect respiratory track, eyes, and face).

**Skin Contact:** Wear protective gloves. Ansell Chemical Resistance Guide, 8th Edition recommends the following glove materials for various glycols and glycol ethers: Barrier, laminate film; Sol-Vex, nitrile; 29-Series, unsupported neoprene

**Eye Contact:** Where mist/vapor/spray is present, an organic vapor full facepiece respirator is recommended (to protect eyes, face, and respiratory tract).

**Ingestion:** Avoid eating, drinking, or smoking in work area and wash hands after handling this product.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**(a) Appearance (physical state, color):** Liquid, transparent, colorless to light gold color

**(b) Odor:** Mild petroleum solvent odor

**(c) Odor threshold:** Data not available

**(d) pH:** NA

**(e) Melting point/ freezing point:** Data not available

**(f) Initial Boiling point / Range:** ~212 °F (~ 100 °C)

**(g) Flashpoint:** >140 <200 °F (>60 <93 °C)

**(h) Evaporation Rate:** Data not available

**(i) Flammability (solid/ gas):** Data not available

**(j) Upper/ lower flammability explosion limits:** Data not available

**(k) Vapor Pressure:** 0.1 mm Hg (68 °F (20 °C))

**(l) Vapor Density (Air = 1):** Data not available

**(m) Relative Density (H<sub>2</sub>O = 1):** .966 (77 °F (25 °C))

**(n) Solubility:** Emulsifies in water

**(o) Partition coefficient n-Octanol/ Water:** Data not available

**(p) Auto-ignition temperature:** Data not available

**(q) Decomposition temperature:** Data not available

**(r) Viscosity:** Data not available

### **Other properties**

**VOC % (wt.):** 10.0      **VOC:** .80 (lbs./gal); 96.6 g/L

## SECTION 10: STABILITY AND REACTIVITY INFORMATION

- (a) **Reactivity:** Not reactive under normal storage conditions. See Section 7.
- (b) **Chemical stability:** Mixture is chemically stable under normal storage and handling conditions, and under normal temperatures and pressures.
- (c) **Possibility of hazardous reactions:** No data available
- (d) **Conditions to avoid:** High temperatures, localized heat sources (i.e.: drum or band heaters), oxidizing conditions, freezing conditions, direct sunlight, ultraviolet radiation, inert gas blanketing, strong oxidizers, strong reducers, free radical initiators, inert gases, oxygen scavengers.
- (e) **Incompatible materials:** Strong oxidizers, acids, and/or bases.
- (f) **Hazardous decomposition product:** Carbon and nitrogen oxides are the main combustion gases.

## SECTION 11: TOXICOLOGICAL INFORMATION

(a) **Likely routes of exposure:** Skin contact, eye contact, inhalation, ingestion.

**(b) Symptoms related to physical, chemical, and toxicological characteristics:**

**Skin contact:** No data available

**Eye contact:** Causes serious eye irritation

**Inhalation:** May cause respiratory irritation

**Ingestion:** No data available

**(c) Delayed and immediate effects, and chronic effects from long-term exposure**

- Causes serious eye irritation; May cause respiratory irritation

**(d) Numerical measures of toxicity, acute:**

Substance	CAS # (TS= trade secret)	Oral	Inhalation	Dermal
Poly(oxy-1,2-ethanediy)l...	9005-02-1	No data available	No data available	No data available
Proprietary blend	TS	LD50 > 2000 mg/kg (Rat)	LC50 36 mg/L (Rat)	No data available
2-butoxyethanol	111-76-2	LD50 1414 mg/kg bw (guinea pig)	LC50 (8 h) 800 ppm (rat)	LD50 2000 mg/kg bw (rat)

**(e) Carcinogens information:**

**IARC**, Group 1 (Carcinogenic to humans), Group 2A (Probably carcinogenic to humans), or Group 2B (Possibly carcinogenic to humans) by IARC: This mixture does not contain listed materials.

**NTP**, 13<sup>th</sup> Report on Carcinogens: This mixture does not contain listed materials.

**OSHA:** This mixture does not contain listed materials.

## SECTION 12: ECOLOGICAL INFORMATION

**(a) Ecotoxicity:**

**Classification of mixture:** Not classified as Hazardous

**(b) Persistence and degradability:** No data available

**(c) Bioaccumulative potential:** No data available.

**(d) Mobility in soil:** No data available

**(e) Other adverse effects:** No known adverse effects

---

### SECTION 13: DISPOSAL CONSIDERATIONS

---

Dispose of contents/container in accordance with local/regional/national regulations. The hazard and precautionary statements displayed on the label also apply to any residues left in the container.

---

### SECTION 14: TRANSPORT INFORMATION

---

**US DOT (Ground):** Combustible liquid, N.O.S. (2-butoxyethanol)

**(a) ID number:** NA1993

**(b) UN Proper Shipping Name:** Combustible liquid, N.O.S. (2-butoxyethanol)

**(c) Transport hazard class:** Combustible liquid

**(d) Packing Group:** Not regulated as a dangerous good

**(e) Environmental hazards:** Not regulated as a dangerous good

**(f) Transport in bulk**

**MARPOL 73/78:** No data available

**IBC:** No data available.

**(g) Special Precautions:** None known

---

### SECTION 15: REGULATORY INFORMATION

---

#### U.S. Federal Regulations

**TSCA Section 8(b) Inventory Status:** All ingredients of this mixture are listed on the TSCA Inventory

**EPCRA, Section 302 – Extremely hazardous substances:** This mixture does not contain listed materials.

**CERCLA Hazardous Substances:** This mixture does not contain listed materials.

**EPCRA Section 313 Toxic Chemicals:** This mixture does not contain listed materials.

**CAA 112(r) Regulated Chemicals for Accidental Release Prevention:** This mixture does not contain listed materials.

**Hazardous Air Pollutants (HAP):** This mixture does not contain listed materials

#### U.S. State Regulations

**California Proposition 65:** This mixture does not contain listed materials.

**New Jersey Right to Know:**

- 2-butoxyethanol CAS 111-76-2

**Oregon DEQ List of Air Toxic Contaminants:**

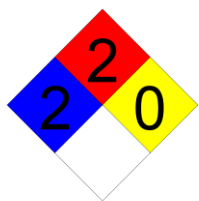
- 2-butoxyethanol CAS 111-76-2

**Pennsylvania Right to Know:**

- 2-butoxyethanol CAS 111-76-2

**NFPA 704**

**HMIS III**



<b>HEALTH</b>	<b>2</b>
<b>FLAMMABILITY</b>	<b>2</b>
<b>PHYSICAL HAZZARD</b>	<b>0</b>

**Canadian Environmental Protection Act:**

**WHMIS Classification:**

- 2-butoxyethanol CAS 111-76-2: Class B Combustible Material, Class D2B Toxic Material

**European Chemical Agency (ECHA):** This mixture does not contain listed materials.

---

**SECTION 16: 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.