



GANS INK  
& SUPPLY CO.

## Safety Data Sheet

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

---

### SECTION 1: IDENTIFICATION

---

**SDS Number:** S-1856, version 1/26/2016

**(a) Product identifier**

**Gans Item ID:** S-1856P

**Gans Description:** Gans System Cleaner

**(b) Other means of identification**

**General description:** Lithographic printing press cleaner; dampening system cleaner & sanitizer

**(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 number:**

Available only during business hours.

(323) 264-2200 Monday- Friday 7:00 A.M. – 9:00 P.M.

24 Hours Response: Los Angeles County Fire Department / HazMat. Department

---

### SECTION 2: HAZARD(S) IDENTIFICATION

---

**(a) Classification**

- This mixture is hazardous according to OSHA Hazard Communication Standard (29 CFR 1910.1200).
- **Physical hazards:** Not classified as hazardous
- **Health hazards:** Skin corrosion Category 1; Serious eye damage Category 1; Specific target organ toxicity, repeated exposure Category 2 (Kidney)

**(b) Label elements**

**Signal Word:** Danger



GANS INK  
& SUPPLY CO.

**Hazard Statements:** Causes severe skin burns and eye damage; Causes serious eye damage; May cause damage to organs (Kidney) through prolonged or repeated exposure.

**Precautionary Statements:**

Prevention: Do not breathe mist/ vapors/ spray. Wash skin thoroughly after handling. Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician. Get medical advice/ attention if you feel unwell. Wash contaminated clothing before reuse.

Storage: Store locked up.

Disposal: Dispose of contents/ container to an approved waste disposal plant.

**Hazard Pictograms:**



**(c) Hazards not otherwise classified**

None known

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

NA

---

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

---

**Substance / Mixture:** Mixture

TS = Trade Secret (as specified by substance manufacturer)

Substance	CAS # (TS= trade secret)	Conc. min.	Conc. max.
2-Butoxyethanol	111-76-2	1.0%	5.0%

---

**SECTION 4: FIRST AID MEASURES**

---

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

Get medical attention immediately if symptoms occur. Treat symptomatically

**Inhalation:** If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.

**Skin contact:** Remove contaminated clothing. Wash thoroughly with soap and water for at least 20 min. or until material is removed. Wash contaminated clothing before re-use. Get medical attention if irritation develops and persists.

**Eye contact:** If easy to do, remove contact lens, if worn. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical advice.

**Ingestion:** Do NOT induce vomiting. Gently wipe or rinse the inside of the mouth with water. Obtain medical attention.

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

**Inhalation:** May cause damage to organs (Kidney) through prolonged or repeated exposure.

**Skin contact:** Causes severe skin burns and eye damage.

**Eye contact:** Causes serious eye damage.

**(c) Indication of any immediate medical attention and special treatment needed:**

Symptoms such as dizziness or loss of breath, and burning or pain to eyes or skin may indicate exposure and the need for first aid.

---

**SECTION 5: FIRE – FIGHTING MEASURES**

---

**(a) Extinguishing Media:**

**Suitable extinguishing media:** Use CO2, dry chemical, fire-fighting foam, or water fog extinguishing media

**Unsuitable extinguishing media:** Do not use water stream. Water stream or spray is OK to cool unopened containers only.

**(b) Special hazards arising from the substance or mixture:** None known

**(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. Use personal protective equipment.

**(a.ii) Protective equipment:** See Section 8

**(a.iii) Emergency procedures:** If dangerous conditions exist, contact emergency response personnel, follow emergency procedures, and contact emergency response authorities.

**(b) Methods for containment and cleaning up:**

Soak up with inert absorbent material.

---

**SECTION 7: HANDLING AND STORAGE**

---

**(a) Precautions for safe handling:**

Wear protective gloves.

Wear eye protection or face protection.

Wash hands thoroughly after handling

Contaminated work clothing must not be allowed out of the workplace.

Avoid breathing mist/ vapors/spray.

**(b) Conditions for safe storage:**

Store locked up.

Store in original container and keep containers covered and sealed.

**Incompatibilities:** Keep away from oxidising agents and strongly acid or alkaline materials.

---

## SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

---

Substance	CAS #	OSHA PEL		Cal/OSHA PEL	NIOSH REL	ACGIH 2015 TVL
		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 mg/m <sup>3</sup>

**(b) Appropriate engineering controls:**

**Ventilation requirements:** Handle only in a place equipped with local exhaust (or other appropriate exhaust).

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

**(c) Personal protective equipment:**

**Inhalation:** Avoid breathing mist/ vapors/spray. Where mist or aerosol is present, an organic vapor respirator is recommended.

**Skin Contact:** Wear protective gloves/protective clothing. Contaminated work clothing must not be allowed out of the workplace. Ansell Chemical Resistance Guide, 7<sup>th</sup> Edition recommends the following glove materials for 2-Butoxyethanol (Butyl Cellosolve): Laminate film, Nitrile, Natural Rubber, Neoprene

**Eye Contact:** Wear eye protection/face protection. Eye and face protective devices must comply with ANSI Z87.1-1989. Recommended eye protection: Safety glasses with side-shields; Safety goggles.

**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, yellow color

**(b) Odor:** Pungent

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

**(d) pH:** 12-13

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

**(f) Initial Boiling point / Range:** > 200.1 °F (> 93.4 °C)

**(g) Flashpoint:** > 200.1 °F (> 93.4 °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 (mm Hg @ 68°F):** Data not available
- (l) **Vapor Density (Air = 1):** Data not available
- (m) **Relative Density (H<sub>2</sub>O = 1):** 1.033 (68 °F (20 °C))
- (n) **Solubility:** Data not available
- (o) **Partition coefficient n- Octanol/ Water:** Data not available
- (p) **Auto-ignition temperature:** Data not available
- (q) **Decomposition temperature:** Data not available
- (r) **Viscosity:** < 14 mm<sup>2</sup>/s (104 °F (40 °C))

**Other properties**

VOC % (wt): 7.0

VOC (lbs./gal): 0.60

**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:** Keep away from open flames, hot surfaces and sources of ignition.
- (e) **Incompatible materials:** Acids and bases.
- (f) **Hazardous decomposition product:** No data available.

**SECTION 11: TOXICOLOGICAL INFORMATION**

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

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

**Skin contact:** There may be irritation and redness at site of contact.

**Eye contact:** There may be irritation and redness. Eyes may water profusely.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

**Ingestion:** There may be irritation and redness of the mouth and throat, and a feeling of illness.

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

No data available

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

Substance	CAS # (TS= trade secret)	Dermal	Oral	Inhalation
2-Butoxyethanol	111-76-2	Acute toxicity estimate : > 5,000 mg/kg Method: Calculation; LD50 (Rabbit): 220 mg/kg LD50 (Rabbit): 100 mg/kg	Acute estimate : > 5,000 mg/kg Method: Calculation; LD50 (Rat): 530 mg/kg; LD50 (Rabbit): 520 mg/kg	Acute: > 30000 ppm Exposure time: 4 h Test atmosphere: gas Method: Calculation; LC50 (Rat): 468 ppm Exposure time: 4

**(e) Carcinogens information:** No ingredients in this mixture are known to be listed by the National Toxicology Program (NTP) Report on Carcinogens, or have been found to be potential carcinogens in the International Agency for Research on Cancer (IARC), or by OSHA.

---

## SECTION 12: ECOLOGICAL INFORMATION

---

**(a) Ecotoxicity**

**Classification of mixture:** No data available

**(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.

This product does **NOT** exhibit the characteristics of a RCRA hazardous waste as defined under 40CFR261.

---

## SECTION 14: TRANSPORT INFORMATION

---

**US DOT (Ground):**

**(a) UN number:** UN3266

**(b) UN Proper Shipping Name:** Corrosive, Liquid, Basic, Inorganic, n.o.s. (sodium hydroxide).

**(c) Transport hazard class:** 8

**(d) Packing Group:** II

Packing instruction (cargo aircraft): 855

Packing instruction (passenger aircraft): 851

**(e) Environmental hazards:** Corrosive

**(f) Transport in bulk**

**MARPOL 73/78:** Not applicable for product as supplied.

**IBC:** Not applicable for product as supplied.

**(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:** Calculated RQ exceeds reasonably attainable upper limit.

**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**

**Massachusetts Right To Know:**

2-Butoxyethanol 111-76-2

**Pennsylvania Right To Know**

2-Butoxyethanol 111-76-2

1,2-Propanediol 57-55-6

Sodium hydroxide 1310-73-2

**New Jersey Right To Know**

2-Butoxyethanol 111-76-2

1,2-Propanediol 57-55-6

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

**Canadian Environmental Protection Act:** No data available

**European Chemical Agency (ECHA):** No data available

---

**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.