



GANS INK  
& SUPPLY CO.

## Safety Data Sheet

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

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### SECTION 1: IDENTIFICATION

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**SDS Number:** S-1836, version 4/28/2016

**(a) Product identifier**

**Gans Item ID:** S-1836, S-1836Q

**Gans Description:** Gans Eco Plate Cleaner

**(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 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

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### SECTION 2: HAZARD(S) IDENTIFICATION

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**(a) Classification**

- This mixture is hazardous according to OSHA Hazard Communication Standard (29 CFR 1910.1200).
- **Physical hazards:** Not classified
- **Health hazards:**
  - Skin Irritation - Category 2
  - Eye Irritation - Category 2A

**(b) Label elements**

**Signal Word:** Warning



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**Hazard Statements:** Causes skin irritation. Causes serious eye irritation.

**Precautionary Statements:** Wash skin thoroughly after handling. Wear eye protection/ face protection. Wear protective gloves.

Response:

**IF ON SKIN:** Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/ attention. Take off contaminated clothing and wash before reuse.

**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.

**Hazard Pictograms:**



**(c) Hazards not otherwise classified**

None known

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

NA

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### SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

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**Substance / Mixture:** Mixture

TS = Trade Secret (as specified by substance manufacturer)

Substance	CAS # (TS = trade secret)	Conc. min. (wt. %)	Conc. max. (wt. %)
Phosphoric acid	7664-38-2	1	5

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### SECTION 4: FIRST AID MEASURES

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

**Inhalation:** If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing.

**Skin contact:** Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/ attention. Take off contaminated clothing and wash before reuse.

**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:** Do NOT induce vomiting. If vomiting occurs naturally, lie on your side, in the recovery position. Immediately call 911 POISON CENTER/doctor/. Immediately transport to the nearest medical facility for treatment.

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

**Ingestion:** No data available

**Inhalation:** No data available

**Skin contact:** Causes skin irritation.

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

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

No data available

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**SECTION 5: FIRE – FIGHTING MEASURES**

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**(a) Extinguishing Media:**

**Suitable extinguishing media:** This product is not expected to support combustion. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**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:** No special hazards are known.

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

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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**(a.i) Personal precautions:**

Ensure adequate ventilation for general industrial environment. Use personal protective equipment. Avoid contact with skin, eye or clothing.

**(a.ii) Protective equipment:** Use personal protective equipment that is appropriate for the general industrial environment. Gloves, eye protection, and protective clothing are recommended

**(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.

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**SECTION 7: HANDLING AND STORAGE**

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

Wear protective gloves.

Wear eye protection.

Wash hands thoroughly after handling

Take off contaminated clothing and wash before reuse.

**(b) Conditions for safe storage:** Keep container tightly closed in a dry and well-ventilated place.

**Incompatibilities:** Keep away from strong acids and bases and oxidizing agents.

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**SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION**

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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
Phosphoric acid	7664-38-2		1	1 mg/m <sup>3</sup> (ST) 3 mg/m <sup>3</sup>	1 mg/m <sup>3</sup> (ST) 3 mg/m <sup>3</sup>	1 mg/m <sup>3</sup> (ST) 3 mg/m <sup>3</sup>

**(b) Appropriate engineering controls:**

**Ventilation requirements:** Ensure adequate ventilation for general industrial environment.

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

**(c) Personal protective equipment:**

**Inhalation:** Use protective equipment appropriate for the general industrial environment.

**Skin Contact:** Wear protective gloves. Take off contaminated clothing and wash before reuse. Ansell Chemical Resistance Guide, 7<sup>th</sup> Edition recommends the following glove materials for concentrated phosphoric acid: Laminate film, Barrier; Nitrile, Solvex; Supported Neoprene; Supported Polyvinyl Chloride, Snorkel; Neoprene/ Natural Rubber Blend, Chemi-Pro.

**Eye Contact:** 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.

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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**(a) Appearance (physical state, color):** Liquid, off-white emulsion

**(b) Odor:** mild

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

**(d) pH:** 3-4

**(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):** 1.19

**(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:** > 21 mm<sup>2</sup>/s (104 °F (40 °C))

**Other properties**

**VOC % (wt.):** 0

**VOC (lbs./gal):** 0

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**SECTION 10: STABILITY AND REACTIVITY INFORMATION**

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**(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, sparks, 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.

**(c) Delayed and immediate effects, and chronic effects from long-term exposure:** No data available

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

Substance	CAS # (TS= trade secret)	Dermal	Oral	Inhalation
Phosphoric acid	7664-38-2	No data available	No data available	No data available

**(e) Carcinogens information:**

**IARC:** No component of this product present at levels greater than or equal to 0.1% is identified as Group 1 (Carcinogenic to humans), Group 2A (Probably carcinogenic to humans), or Group 2B (Possibly carcinogenic to humans) by IARC.

**NTP:** No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP (13<sup>th</sup> Report on Carcinogens).

**OSHA:** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

## SECTION 12: ECOLOGICAL INFORMATION

**(a) Ecotoxicity**

**Classification of mixture:** Not classified

**(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.

RCRA Codes: NA

## SECTION 14: TRANSPORT INFORMATION

**US DOT (Ground):** Not regulated as a dangerous

**(a) UN number:** Not regulated as a dangerous

**(b) UN Proper Shipping Name:** Not regulated as a dangerous

**(c) Transport hazard class:** Not regulated as a dangerous

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

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

**(f) Transport in bulk**

**MARPOL 73/78:** Not regulated as a dangerous

**IBC:** Not regulated as a dangerous

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

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## **SECTION 15: REGULATORY INFORMATION**

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### **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:**

Phosphoric acid 7664-38-2: RQ = 5000

**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):**

### **U.S. State Regulations**

**Pennsylvania Right to Know:**

- Phosphoric acid 7664-38-2

**New Jersey Right to Know:**

- Phosphoric acid 7664-38-2

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

### **Canadian Environmental Protection Act:**

**WHMIS Classification:** D2B: Toxic Material Causing Other Toxic Effects

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

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## **SECTION 16: OTHER INFORMATION**

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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.