



GANS INK
& SUPPLY CO.

Safety Data Sheet

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

SECTION 1: IDENTIFICATION

SDS Number: S-1837, version 6/15/2017

(a) Product identifier

Gans Item ID: S-1837, S-1837G, S-1837P, S-1837Q

Gans Description: Gans GPC 100 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

(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 1A
 - Eye Damage/Irritation – Category 1

(b) Label elements

Signal Word: Danger



GANS INK
& SUPPLY CO.

Hazard Statements: Causes severe skin burns and eye damage. Causes serious eye damage.

Precautionary Statements:

Prevention: Do not breathe mists/spray. Wash all contaminated areas thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

Response:

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF INHALED Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center/doctor.

IF ON SKIN OR HAIR: Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

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/doctor/

Storage: 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

None known

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

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	1.0 %	5.0 %
Alcohols, C11-14-iso-, C13-rich, ethoxylated	78330-21-9	1.0 %	5.0 %
1,4-diethylbenzene	105-05-5	1.0 %	5.0 %

SECTION 4: FIRST AID MEASURES

(a) Description of first aid measures:

Ingestion: Rinse mouth. Do NOT induce vomiting.

Inhalation: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center/doctor.

Skin contact: Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor.

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

Ingestion: Data not available

Inhalation: Causes severe skin burns.

Skin contact: Causes severe skin burns.

Eye contact: Causes serious eye damage.

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

Symptoms such as burning, pain, or irritation 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. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

(a.ii) Protective equipment: See Section 8

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

(b) Methods for containment and cleaning up:

Dike and contain spill. For large spills remove by mechanical means and place in containers. Absorb residue or small spills with absorbent material and remove to non-leaking containers for disposal.

SECTION 7: HANDLING AND STORAGE

(a) Precautions for safe handling:

Wear protective gloves, protective clothing, eye protection, face protection. Do not breathe mists/spray. Wash all contaminated areas thoroughly after handling.

(b) Conditions for safe storage:

Store locked up.

Incompatibilities: Keep away from strong oxidizing agents, and strong bases.

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 ³	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 ³ (ST) 3 mg/m ³	1 mg/m ³ (ST) 3 mg/m ³	1 mg/m ³ (ST) 3 mg/m ³

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

(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: Do not breathe mist/ spray. Where mist or aerosol is present, an organic vapor full facepiece respirator is recommended (to protect eyes and face).

Skin Contact: Wear protective gloves, and protective clothing with long sleeves. Wash contaminated clothing before reuse. Ansell Chemical Resistance Guide, 8th Edition recommends the following glove materials for phosphoric acid: Barrier, laminate film; Sol-Vex, nitrile; 29-Series, unsupported neoprene; Snorkel, polyvinyl chloride; Chemi-Pro, neoprene/natural rubber blend.

Eye Contact: Wear eye protection, and face protection. Eye and face protective devices must comply with ANSI Z87.1-1989. Recommended eye protection: full face shield.

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, opaque pink

(b) Odor: Organic solvent

(c) Odor threshold: Data not available

(d) pH: 1.5 – 2.5

(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 (H₂O = 1): 1.02

(n) Solubility: Water miscible

(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 mm²/s @ 104 °F (40 °C)

Other properties

VOC % (wt.): 10.7

VOC: .91 lbs./gal.; 109 g/L

SECTION 10: STABILITY AND REACTIVITY INFORMATION

(a) Reactivity: Not reactive under normal storage conditions. See Section 7. Keep away from strong oxidizers, strong acids, and strong bases.

(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. Keep away from strong oxidizers, strong acids, and strong bases.

(e) Incompatible materials: Strong oxidizers, strong acids, and strong bases.

(f) Hazardous decomposition product: No data available.

SECTION 11: TOXICOLOGICAL INFORMATION

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

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

Skin contact: Causes severe skin burns and eye damage.

Eye contact: Causes serious eye damage.

Inhalation: No data available.

Ingestion: No data available.

(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)	Oral	Inhalation	Dermal
phosphoric acid	7664-38-2	No data available	No data available	No data available
Alcohols, C11-14-iso-, C13-rich, ethoxylated	78330-21-9	No data available	No data available	No data available
1,4-diethylbenzene	105-05-5	LD50 2000 mg/kg bw (rat)	LC50 (4 h) 5 mg/L air (rat)	No data available

(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: 13th 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):

(a) UN number: UN3264

(b) UN Proper Shipping Name: Corrosive liquid, acidic, inorganic, n.o.s (Orthophosphoric acid)

(c) Transport hazard class: 8

(d) Packing Group: PG II

(e) Environmental hazards: Not classified as hazardous

(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:

- 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): This mixture does not contain listed materials.

U.S. State Regulations

Pennsylvania Right to Know

- phosphoric acid 7664-38-2
- 1,4-diethylbenzene 105-05-5

New Jersey Right to Know

- phosphoric acid 7664-38-2

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



HEALTH	2
FLAMMABILITY	1
PHYSICAL HAZZARD	2

Canadian Environmental Protection Act:

WHMIS Classification: No data available

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.