



GANS INK
& SUPPLY CO.

Safety Data Sheet

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

SECTION 1: IDENTIFICATION

SDS Number: S-1803, version 12/13/2017

(a) Product identifier

Gans Item ID: S-1803, S-1836D, S-1836G, S-1836P, S-1836Q

Gans Description: Gans Diamond Etch WT

(b) Other means of identification

General description: Lithographic press fountain solution concentrate

(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

Health hazards:

- Skin Irritation - Category 2
- Eye Damage/Irritation – Category 1

(b) Label elements

Signal Word: Danger

Hazard Statements: Causes skin irritation; Causes serious eye damage

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. Immediately call a poison center/doctor.

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. (wt. %)	Conc. max. (wt. %)
Acetic acid	64-19-7	1	5
Sodium hydroxide	1310-73-2	1	5

SECTION 4: FIRST AID MEASURES

(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. Immediately call a poison center/doctor.

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:

Ingestion: No data available

Inhalation: No data available

Skin contact: Causes skin irritation.

Eye contact: Causes serious eye damage.

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

No data available

SECTION 5: FIRE – FIGHTING MEASURES

(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.

SECTION 6: ACCIDENTAL RELEASE MEASURES

(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.

SECTION 7: HANDLING AND STORAGE

(a) Precautions for safe handling:

Wear protective gloves.

Wear eye protection/ face protection.

Wash hands thoroughly after handling

(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.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

(a) Exposure data		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
Acetic acid	64-19-7	10	25	10 ppm (ST) 15 ppm (C) 40 ppm	10 ppm (ST) 15 ppm	10 ppm (ST) 15 ppm
Sodium hydroxide	1310-73-2		2	(C) 2 mg/m ³	(C) 2 mg/m ³	(C) 2 mg/m 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: 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, 7th Edition recommends the following glove materials for concentrated acetic acid: Supported Neoprene; Neoprene/ Natural Rubber Blend, Chemi-Pro.

Eye Contact: Eye and face protective devices must comply with ANSI Z87.1-1989. Recommended eye protection: Safety goggles, or 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, green color

(b) Odor: sweet

(c) Odor threshold: Data not available

(d) pH: 3.5 – 4.5

(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): 1.06 @ 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 mm²/s (104 °F (40 °C))

Other properties

VOC % (wt.): 2.13

VOC (lbs./gal): .19

SECTION 10: STABILITY AND REACTIVITY INFORMATION

(a) Reactivity: May react with strong acids and 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.

(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.

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

Skin contact: Causes skin irritation.

Eye contact: Causes serious eye damage

(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
Acetic acid	64-19-7	LD50 3310 mg/kg bw (rat)	LC50 (4 h) 8.5 - 12.7 mg/L air (rat)	Data not available
Sodium hydroxide	1310-73-2	Data not available	Data not available	Data not available

(e) Carcinogens information:

IARC Group 1 (Carcinogenic to humans), Group 2A (Probably carcinogenic to humans), or Group 2B (Possibly carcinogenic to humans): 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

(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

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:

- Acetic acid 64-19-7: RQ = 5000
- Sodium hydroxide 1310-73-2

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:

- Acetic acid 64-19-7
- Sodium hydroxide 1310-73-2

New Jersey Right to Know:

- Acetic acid 64-19-7
- Sodium hydroxide 1310-73-2

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): 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.