



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-1835, version 9/28/2018

**(a) Product identifier**

**Gans Item ID:** S-1835, S-1835D, S-1835Q

**Gans Description:** Gans Ultra 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 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

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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:**

- Flammable Liquid Category 3

**Health hazards:**

- Skin Corrosion – Category 1B
- Eye Damage/Irritation – Category 1
- Germ Cell Mutagenicity – Category 1B
- Carcinogenicity – Category 1B
- Aspiration Hazard – Category 1

**(b) Label elements**

**Signal Word:** Danger

Flammable liquid and vapor.

**Hazard Statements:** Causes severe skin burns and eye damage. Causes serious eye damage. May cause genetic defects. May cause cancer. May be fatal if swallowed and enters airways.

**Precautionary Statements:**

Prevention:

Keep away from heat/sparks/open flames/hot surfaces.– No smoking. Keep container tightly closed. Ground/Bond container and receiving equipment. Use explosion-proof electrical/ventilating/ lighting/ equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

Wear protective gloves/protective clothing/eye protection/face protection. Do not breathe dusts or mists. Wash contaminated areas thoroughly after handling. Do not eat, drink or smoke when using this product.

Response: If exposed or concerned: Get medical advice/attention.

IF SWALLOWED: Immediately call a poison center/doctor. 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.

Storage: Store locked up. Store in a well-ventilated place. Keep cool. Keep container tightly closed. Ground/Bond container and receiving equipment. Use explosion-proof electrical/ventilating/ lighting/ equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

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. %)
Distillates (petroleum), hydrotreated light	64742-47-8	40.0%	60.0%
Solvent naphtha (petroleum), light arom.	64742-95-6	10.0%	30.0%
Orthophosphoric acid	7664-38-2	1.0%	10.0%
1,2,4-trimethylbenzene	95-63-6	0.0%	4.5%

### SECTION 4: FIRST AID MEASURES

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

**Ingestion:** Immediately call a poison center/doctor. 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.

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

**Ingestion:** May be fatal if swallowed and enters airways. May cause genetic defects. May cause cancer.

**Inhalation:** May be fatal if swallowed and enters airways.

**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 loss of breath, and burning, pain, or irritation to lungs, 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:** No data available

**(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:**

Use only non-sparking tools. Take precautionary measures against static discharge. Ensure adequate ventilation. Wear protective gloves/protective clothing/eye protection/face protection. Do not breathe dusts or mists. Avoid contact with skin, eye or clothing. Use explosion proof equipment. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

**(a.ii) Protective equipment:** Positive pressure, full-face, self-contained breathing apparatus (SCBA), or positive pressure supplied air respirator with escape SCBA (NIOSH approved).

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

Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Release can cause fire/explosion. Liquids/vapors may ignite. Use explosion proof equipment. Do not touch or walk through spilled material. Isolate hazard area and keep unnecessary people away. Notify authorities if any exposure to the general public or the environment occurs or is likely to occur. If spilled material is cleaned up using a regulated solvent, the resulting waste mixture may be regulated

**(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.

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## SECTION 7: HANDLING AND STORAGE

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

Keep away from heat/sparks/open flames/hot surfaces.– No smoking. Use only non-sparking tools. Take precautionary measures against static discharge.

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

Wear protective gloves/protective clothing/eye protection/face protection. Do not breathe dusts or mists. Wash contaminated areas thoroughly after handling. Do not eat, drink or smoke when using this product.

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

Keep away from heat/sparks/open flames/hot surfaces.– No smoking. Keep container tightly closed. Ground/Bond container and receiving equipment. Use explosion-proof electrical/ventilating/ lighting/ equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

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

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## SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

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(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
Orthophosphoric 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>

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

**(b) Appropriate engineering controls:**

**Ventilation requirements:** Handle only in a place equipped with local exhaust (or other appropriate exhaust). Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

**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, vapors, spray. Use only outdoors or in a well-ventilated area. Where mist or aerosol is present, an organic vapor full facepiece respirator is recommended (to protect eyes and face as well).

**Skin Contact:** Wear protective gloves, and protective clothing. Contaminated work clothing must not be allowed out of the workplace. Ansell Chemical Resistance Guide, 8<sup>th</sup> Edition recommends the following glove materials for aromatic hydrocarbons: Barrier, Laminate film.

**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:** Do not eat, drink, or smoke 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, blue color
- (b) **Odor:** Organic solvent
- (c) **Odor threshold:** Data not available
- (d) **pH:** > 2.0
- (e) **Melting point/ freezing point:** Data not available
- (f) **Initial Boiling point / Range:** 212 °F (100 °C)
- (g) **Flashpoint:** >100 °F (37.7 °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 calculated):** <1
- (l) **Vapor Density (Air = 1):** 17.4
- (m) **Relative Density (H<sub>2</sub>O = 1):** .92
- (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:** Data not available

**Other properties**

**VOC % (wt.):** 60%

**VOC m/v:** 4.59 lbs./gal; 552 g/L

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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. Spontaneous combustion may occur when solvent soaked combustible materials (paper, cotton etc.) are allowed to stand in confined areas.
- (e) **Incompatible materials:** Strong oxidizers, strong acids and bases
- (f) **Hazardous decomposition product:** Thermal decomposition may yield carbon dioxide and/or carbon monoxide.

## 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 severe skin burns and eye damage. Causes serious eye damage.

**Inhalation:** May be fatal if swallowed and enters airways. Causes damage to organs (central nervous system).

**Ingestion:** May be fatal if swallowed and enters airways. May cause genetic defects. May cause cancer.

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

May cause genetic defects. May cause cancer.

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

Substance	CAS # (TS= trade secret)	Oral	Inhalation	Dermal
Distillates (petroleum), hydrotreated light	64742-47-8	LD50 5000 mg/kg bw (rat)	LC50 (4 h) 5.28 mg/L air (rat)	LD50 2000 mg/kg bw (rabbit)
Solvent naphtha (petroleum), light aromatic	64742-95-6	LD50 5000 mg/kg bw (rat)	No data available	LD50 2000 mg/kg bw (rabbit)
Orthophosphoric acid	7664-38-2	No data available	No data available	No data available
1,2,4-trimethylbenzene	95-63-6	LD50 6000 mg/kg bw (rat)	LD50 6000 mg/kg bw (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:** 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):**

**(a) UN number:** UN1993

**(b) UN Proper Shipping Name:** Combustible Liquid, Paint related material, Class 3

**(c) Transport hazard class:** Combustible Liquid, Paint related material, Class 3

- (d) **Packing Group:** PG III  
(e) **Environmental hazards:** No data available  
(f) **Transport in bulk**  
    **MARPOL 73/78:** No data available  
    **IBC:** No data available.  
(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 in this mixture are listed on the TSCA Chemical Inventory, or are not required to be listed.

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

**CERCLA Hazardous Substances:**

- Orthophosphoric acid CAS 7664-38-2, RQ = 5000

**EPCRA Section 313 Toxic Chemicals:**

- 1,2,4-trimethylbenzene CAS 95-63-6

**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**

- 1,2,4-trimethylbenzene CAS 95-63-6
- Orthophosphoric acid CAS 7664-38-2

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

- Orthophosphoric acid CAS 7664-38-2

**Pennsylvania Right to Know**

- 1,2,4-trimethylbenzene CAS 95-63-6
- Orthophosphoric acid CAS 7664-38-2

**Canadian Environmental Protection Act:**

**WHMIS Classification:** No data available

**European Chemical Agency (ECHA)**

**Candidate List of Substances of Very High Concern (SoVHC), including 27 June 2018 update:** This mixture does not contain listed materials.

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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.