



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-1509NW, version 7/13/2018

**(a) Product identifier**

**Gans Item ID:** S-1509NW, S-1509NWD, S-1509NWG, S-1509NWP, S-1509NWQ

**Gans Description:** Gans Precise Wash Northwest

**(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 1
- **Health hazards:**
  - Acute Toxicity Inhalation – Category 4
  - Skin Irritation - Category 2
  - Eye Irritation - Category 2A
  - Germ Cell Mutagenicity - Category 1B
  - Carcinogenicity - Category 1B
  - Specific Target Organ Toxicity, Single Exposure, Respiratory - Category 3
  - Aspiration Hazard - Category 1

- Aquatic toxicity, Long Term - Category 2
- Flammable Liquid – Category 1

### **(b) Label elements**

**Signal Word:** Danger

**Hazard Statements:** May be fatal if swallowed and enters airways; Harmful if inhaled; Causes skin irritation; Causes serious eye irritation; May cause genetic defects; May cause cancer; May cause respiratory irritation; Extremely flammable liquid and vapor.

### **Precautionary Statements:**

Prevention: 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. Avoid breathing fume, mist, vapors, spray. Use only outdoors or in a well-ventilated area. 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. Wash hands and contaminated areas thoroughly after handling.

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

IF SWALLOWED: Immediately call a poison center/doctor. Do NOT induce vomiting.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell.

IF ON SKIN OR HAIR: Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash with plenty of water and mild soap. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it 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.

In case of fire: Use CO<sub>2</sub>, dry chemical, fire-fighting foam, or water fog extinguishing media

Storage: Store locked up. Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up. Keep container tightly closed.

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**

2.2 % of formula is of unknown acute toxicity

### 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. %)
Solvent naphtha (petroleum), light aliphatic	64742-89-8	37.2	45.4
Solvent naphtha (petroleum), light aromatic	64742-95-6	29.0	35.4
1,2,4-trimethylbenzene	95-63-6	5.8	7.1
Mesitylene, 1,3,5-trimethylbenzene	108-67-8	4.3	5.3
1,2,3-trimethylbenzene	526-73-8	4.3	5.3
meta-xylene	1330-20-7	3.6	4.4
Sorbitan oleate	1338-43-8	2.0	2.4
Ethylbenzene	100-41-4	0.8	0.9
Cumene, isopropylbenzene	98-82-8	0.6	0.7

### SECTION 4: FIRST AID MEASURES

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

**Ingestion:** Immediately call a poison center/doctor. Do NOT induce vomiting. Rinse mouth.

**Inhalation:** Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.

**Skin contact:** If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash with plenty of water and mild soap. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it 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.

**(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. May cause respiratory irritation. Harmful if inhaled.

**Skin contact:** Causes skin irritation.

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

**(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 CO<sub>2</sub>, 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:** Vapor is heavier than air, spreads along the ground and distant ignition is possible.

**(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. Use personal protective equipment. Avoid breathing vapor. 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. Do not touch or walk through spilled material. Isolate hazard area and keep unnecessary people away. Remove all possible sources of ignition in the surrounding area. 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:**

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.

Avoid breathing fume, mist, vapors, spray. Use only outdoors or in a well-ventilated area.

Wash hands and contaminated areas thoroughly after handling. 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.

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

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

**Incompatibilities:** Keep away from strong oxidizing agents.

## 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 <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
Solvent naphtha (petroleum), light aliphatic	64742-89-8	No data available	No data available	No data available	No data available	No data available
Solvent naphtha (petroleum), light aromatic	64742-95-6	No data available	No data available	No data available	No data available	No data available
1,2,4-trimethylbenzene	95-63-6	No data available	No data available	No data available	25 ppm; 125 mg/m <sup>3</sup>	No data available
Mesitylene, 1,3,5-trimethylbenzene	108-67-8	No data available	No data available	No data available	25 ppm; 125 mg/m <sup>3</sup>	No data available
1,2,3-trimethylbenzene	526-73-8	No data available	No data available	No data available	25 ppm; 125 mg/m <sup>3</sup>	No data available
meta-xylene	1330-20-7	100	435	100 ppm	100 ppm	100 ppm
Sorbitan oleate	1338-43-8	No data available	No data available	No data available	No data available	No data available
Ethylbenzene	100-41-4	100	435	100 ppm (ST) 125 ppm	100 ppm (ST) 125 ppm	20 ppm
Cumene , isopropylbenzene	98-82-8	50	245	50 ppm	50 ppm	50 ppm

### **(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, 7<sup>th</sup> Edition recommends the following glove materials for benzene, toluene, and xylenes (similar to aromatic hydrocarbons CAS#s 64742-95-6, 95-63-6, 108-67-8, 526-73-8, 98-82-8, and 1330-20-7): Laminate film, Barrier; Supported Polyvinyl Alcohol, PVA.

**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.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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- (a) **Appearance (physical state, color):** Liquid, clear and straw colored
- (b) **Odor:** Organic solvent
- (c) **Odor threshold:** Data not available
- (d) **pH:** NA
- (e) **Melting point/ freezing point:** Data not available
- (f) **Initial Boiling point / Range:** Data not available
- (g) **Flashpoint:** 30 °F (-1.1 °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):** .83
- (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.): 95.2

VOC (lbs./gal): 6.59

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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:** Strong oxidizers.
- (f) **Hazardous decomposition product:** Thermal decomposition may yield carbon dioxide and/or carbon monoxide.

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## SECTION 11: TOXICOLOGICAL INFORMATION

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

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

**Skin contact:** Causes skin irritation.

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

**Inhalation:** Harmful if inhaled. May cause respiratory irritation. There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing. May be fatal if swallowed and enters airways.

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

**(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)	Dermal	Oral	Inhalation
Solvent naphtha (petroleum), light aliph.	64742-89-8	LD50 2000 mg/kg bw (rabbit)	LD50 5000 mg/kg bw (rat)	No data available
Solvent naphtha (petroleum), light aromatic	64742-95-6	LD50 2000 mg/kg bw (rabbit)	LD50 5000 mg/kg bw (rat)	No data available
1,2,4-trimethylbenzene	95-63-6	No data available	LD50 6000 mg/kg bw (rat)	LD50 6000 mg/kg bw (rat)
Mesitylene, 1,3,5-trimethylbenzene	108-67-8	LD50 4 mL/kg bw (rat)	LD50 6000 mg/kg bw (rat)	LC50 (4 h) 10.2 mg/L air (rat)
1,2,3-trimethylbenzene	526-73-8	No data available	No data available	No data available
meta-xylene	1330-20-7	LD50 12 126 mg/kg bw (rabbit); LD50 5 000 mL/kg bw (rabbit)	LD50 3523 - 4000 mg/kg bw (rat); LD50 5251 - 5627 mg/kg bw (mouse)	LC50 (4 h) 6350 - 6700 ppm (rat)
Sorbitan oleate	1338-43-8	No data available	No data available	No data available
Ethylbenzene	100-41-4	LD50 3500 mg/kg bw (rat); LD50 17.8 mL/kg bw (rabbit)	LD50 3500 mg/kg bw (rat)	No data available
Cumene , isopropylbenzene	98-82-8	LD50 3160 mg/kg bw (rabbit); LD0 10000 mg/kg bw (rabbit)	LD50 2260 - 2700 mg/kg bw (rat)	LC0 (6 h) 17.6 mg/L air (rat); LC0 (60 min) 22.1 mg/L air (rat); LC50 (7 h) 10 mg/L air (mouse); LC50 (7 h) 2 000 ppm (mouse)

**(e) Carcinogens information:**

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

- o Cumene, isopropylbenzene 98-82-8 Group 2B (Possibly carcinogenic to humans)
- o Ethylbenzene 100-41-4 Group 2B (Possibly carcinogenic to humans)

**NTP:** 13<sup>th</sup> Report on Carcinogens:

- o Cumene, isopropylbenzene 98-82-8

**OSHA:** No data available

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**SECTION 12: ECOLOGICAL INFORMATION**

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**(a) Ecotoxicity**

**Classification of mixture:**

- o Aquatic toxicity, Long Term - Category 2

**(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

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## SECTION 13: DISPOSAL CONSIDERATIONS

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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

- Cumene, isopropylbenzene 98-82-8: U055
- meta-xylene 1330-20-7: U239

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## SECTION 14: TRANSPORT INFORMATION

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**US DOT (Ground):**

**(a) UN number:** UN1993

**(b) UN Proper Shipping Name:** Flammable Liquid, N.O.S. (Solvent Naphtha Light Aromatic, Solvent Naphtha Light Aliphatic) 3

**(c) Transport hazard class:** Flammable Liquid, 3

**(d) Packing Group:** PG II

**(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 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:**

isopropylbenzene 98-82-8: RQ = 5000

meta-xylene 1330-20-7: RQ = 100

Ethylbenzene 100-41-4: RQ = 1000

**EPCRA Section 313 Toxic Chemicals:**

1,2,4-Trimethylbenzene 95-63-6

isopropylbenzene 98-82-8

meta-xylene 1330-20-7


Ethylbenzene 100-41-4

**CAA 112(r) Regulated Chemicals for Accidental Release Prevention:** This mixture does not contain listed materials.

**Hazardous Air Pollutants (HAP):**

- meta-xylene 1330-20-7

### U.S. State Regulations

**California Proposition 65:**  **WARNING:** This product can expose you to chemicals including isopropylbenzene, which are known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov). Complete list:

- isopropylbenzene 98-82-8
- Ethylbenzene 100-41-4



**New Jersey Right to Know**

No data available

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

- Mesitylene, 1,3,5-trimethylbenzene 108-67-8
- 1,2,3-trimethylbenzene 526-73-8
- meta-xylene 1330-20-7
- Ethylbenzene 100-41-4
- Cumene , isopropylbenzene 98-82-8

**Pennsylvania Right to Know**

No data available

**Canadian Environmental Protection Act:**

**WHMIS Classification:** No data available

**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.