



GANS INK
& SUPPLY CO.

Safety Data Sheet

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

SECTION 1: IDENTIFICATION

SDS Number: S-1646, version 3/7/2017

(a) Product identifier

Gans Item ID: S-1646, S-1646D, S-1646G, S-1646P

Gans Description: Gans G-UV Wash

(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 Irritation - Category 2
 - Eye Irritation - Category 2A
 - Specific Target Organ Toxicity, Single Exposure, Respiratory - Category 3
 - Aspiration Hazard - Category 1

(b) Label elements

Signal Word: Danger

Hazard Statements: May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.

Precautionary Statements:

Prevention: Wear protective gloves. Wear eye protection/face protection. Avoid breathing fume/mist/ vapors/spray. Use only outdoors or in a well-ventilated area. Wash hands and all contaminated areas thoroughly after handling.

Response:

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 poison center/doctor if you feel unwell.

IF ON SKIN OR HAIR: Wash with plenty of water. 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.

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 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. %)
2-butoxyethanol	111-76-2	8.0	15.0
1-chloro-4-(trifluoromethyl)benzene	98-56-6	1.0	5.0
White mineral oil	8042-47-5	20.0	30.0

SECTION 4: FIRST AID MEASURES

(a) Description of first aid measures:

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

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

Skin contact: Wash with plenty of water. 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.

Inhalation: May be fatal if swallowed and enters airways. May cause respiratory irritation.

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 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: 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.

SECTION 6: ACCIDENTAL RELEASE MEASURES

(a.i) Personal precautions:

No smoking or other sources of ignition near spillage. Avoid direct contact with spilled material. Wear all Personal Protection listed in Section 8 before directly contacting spilled material.

Ensure there is adequate area ventilation, and avoid excessive inhalation of fumes.

(a.ii) Protective equipment: See Section 8.

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

If it is safe to do so, adjust leaking containers to reduce or eliminate the continued release. Wear all Personal Protection listed in Section 8 before directly contacting spilled material. For low viscosity materials, first surround and then cover spilled material with inert absorbent (vermiculite, or similar). Then scoop or shovel material into appropriate container for reuse, recycling, or disposal.

Residual material can be cleaned with UV blanket wash, acetone, or other press solvent. Consult your company's spill procedure for details of regulatory restrictions and recommendations. Do not allow spilled materials, or clean up materials to enter storm drains or natural water ways.

(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. Wear eye protection/face protection. Avoid breathing fume/mist/ vapors/spray. Use only outdoors or in a well-ventilated area. Wash hands and all contaminated areas thoroughly after handling.

(b) Conditions for safe storage:

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

Incompatibilities: Keep away from strong 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
2-butoxyethanol	111-76-2	50	240	20 ppm	5 ppm	20 ppm
1-chloro-4-(trifluoromethyl)benzene	98-56-6	No data available	No data available	No data available	No data available	No data available
White mineral oil	8042-47-5	No data available	No data available	No data available	25 ppm; 125 mg/m ³	No data available

(b) Appropriate engineering controls:

Ventilation requirements: Use only outdoors or in a well-ventilated area. 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: Avoid breathing fume/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 glove. Ansell Chemical Resistance Guide, 7th Edition recommends the following glove materials major Hazardous and Not-Classified ingredients: Laminate film, Barrier; Nitrile, Sol-vex, Neoprene/Natural Rubber Blend, Chemi-Pro.

Eye Contact: Wear eye protection, and face protection. Eye and face protective devices must comply with ANSI Z87.1-1989. Recommended eye protection: 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):** Viscous, oily liquid, clear and straw colored

(b) **Odor:** mild odor of mothballs

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

(d) **pH:** NA

(e) **Melting point/ freezing point:** Data not available

(f) **Initial Boiling point / Range:** >273° F (>1341° C)

(g) **Flashpoint:** > 199.4 °F (93 °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):** .88

(n) **Solubility:** Not soluble in water

(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.): 11.0

VOC: .81 lbs./gal.; 97 g/L

SECTION 10: STABILITY AND REACTIVITY INFORMATION

(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.

(e) **Incompatible materials:** Strong oxidizers.

(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 skin irritation.

Eye contact: Causes serious eye irritation.

Inhalation: May be fatal if swallowed and enters airways. May cause respiratory irritation.

Ingestion: May be fatal if swallowed and enters airways.

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

None known

(d) Numerical measures of toxicity, acute:

Substance	CAS # (TS= trade secret)	Oral	Inhalation	Dermal
2-butoxyethanol	111-76-2	LD50 1414 mg/kg bw (guinea pig)	LC50 (8 h) 800 ppm (rat)	LD50 2000 mg/kg bw (rat)
1-chloro-4-(trifluoromethyl) benzene	98-56-6	LD50 5546 - 7270 mg/kg bw (rat)	LC50 (4 h) 32.03 mg/L air (rat)	LD50 3300 mg/kg bw (rabbit)
White mineral oil	8042-47-5	LD50 5000 mg/kg bw (rat)	LC50 (4 h) 5 mg/L air (rat)	LD50 2000 mg/kg bw (rabbit)

(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: No data available

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.

RCRA Codes: This mixture does not contain listed materials.

SECTION 14: TRANSPORT INFORMATION

US DOT (Ground): Not regulated

(a) UN number: Not regulated

(b) UN Proper Shipping Name: Not regulated

(c) Transport hazard class: Not regulated

(d) Packing Group: Not regulated

(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

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: This mixture does not contain listed materials.

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

No data available

New Jersey Right to Know

No data available

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

Canadian Environmental Protection Act:

WHMIS Classification: No data available

European Chemical Agency (ECHA): No data available

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.