



GANS INK
& SUPPLY CO.

Safety Data Sheet

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

SECTION 1: IDENTIFICATION

SDS Number: S-1632, version 8/15/2018

(a) Product identifier

Gans Item ID: S-1632, S-1632D, S-1632G, S-1632P, S-1632Q

Gans Description: Gans Ultra Wash 2

(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 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

SECTION 2: HAZARD(S) IDENTIFICATION

(a) Classification

This mixture is hazardous according to OSHA Hazard Communication Standard (29 CFR 1910.1200).

Physical hazards:

- Flammable Liquid Category 3

Health hazards:

- Germ Cell Mutagenicity – Category 1B
- Carcinogenicity – Category 1B
- Specific Target Organ Toxicity, Repeat Exposure (central nervous system) – Category 1
- Aspiration Hazard – Category 1

(b) Label elements

Signal Word: Danger

Hazard Statements: Flammable liquid and vapor;

May cause genetic defects; May cause cancer; Causes damage to organs <central nervous system> through prolonged or repeated exposure <<by inhalation>>; 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. Wear protective gloves/eye protection/face protection. Do not eat, drink or smoke when using this product.

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe fume/mist/ vapors/spray. Wash contaminated areas thoroughly after handling. Do not eat, drink or smoke when using this product.

Response:

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

IF INHALED: If exposed or concerned: Get medical advice/attention.

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

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

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. %)
Solvent naphtha (petroleum), medium aliph.	64742-88-7	58.0%	87.0%
Solvent naphtha (petroleum), light arom.	64742-95-6	21.1%	31.7%

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: Take off immediately all contaminated clothing. Rinse skin with water/shower.

Eye contact: Rinse cautiously with water for several minutes.

(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: Causes damage to organs <central nervous system> through prolonged or repeated exposure <<by inhalation>>;

Skin contact: Data not available. Not classified as hazardous

Eye contact: Data not available. Not classified as hazardous

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

Symptoms such as dizziness, or irritation to lungs 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:

Ensure adequate ventilation. Use personal protective equipment. Do not breathe fume/mist/ vapors/spray. 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: See Section 8

(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). Liquids/vapors may ignite. Do not touch or walk through spilled material. Isolate hazard area and keep unnecessary people away.

(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:

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/eye protection/face protection. Do not eat, drink or smoke when using this product. Do not breathe fume/mist/ vapors/spray. Wash contaminated areas thoroughly after handling.

Avoid release to the environment.

(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 ³	8-hour TWA (ST) STEL (C) Ceiling	Up to 10-hour TWA (ST) STEL (C) Ceiling	8-hour TWA (ST) STEL (C) Ceiling
No hazardous ingredients in this mixture 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. An organic vapor respirator is recommended.

Skin Contact: Wear protective gloves. Wash contaminated areas thoroughly after handling. Ansell Chemical Resistance Guide, 8th Edition recommends the following glove materials for mineral spirits, and VM&P Naphtha (chemistries similar to this mixture): Barrier, laminate film; Sol-Vex, nitrile; 29-Series, unsupported neoprene; PVA, supported polyvinyl alcohol.

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 face shield.

Ingestion: Do not eat, drink or smoke when using this product.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- (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:** 300 °F (149 °C) estimated
- (g) **Flashpoint:** 104 °F (40 °C) estimated
- (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):** .81
- (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.): ~ 99

VOC: 6.74 lbs./gal; 802 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, 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.

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: Data not available. Not classified as hazardous.

Eye contact: Data not available. Not classified as hazardous.

Inhalation: Causes damage to organs <central nervous system> through prolonged or repeated exposure <<by inhalation>>; May be fatal if swallowed and enters airways;

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

Causes damage to organs <central nervous system> through prolonged or repeated exposure <<by inhalation>>

(d) Numerical measures of toxicity, acute:

Substance	CAS # (TS= trade secret)	Oral	Inhalation	Dermal
Solvent naphtha (petroleum), medium aliph.	64742-88-7	LD50 5000 mg/kg bw (rat)	LC50 (4 h) 5.28 mg/L air (rat)	D50 2000 mg/kg bw (rabbit)
Solvent naphtha (petroleum), light arom.	64742-95-6	LD50 5000 mg/kg bw (rat)	Data not available	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: 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: Flammable Liquid, N.O.S. (Solvent Naphtha Medium Aliphatic, Solvent Naphtha Light Aromatic) 3

(c) Transport hazard class: Flammable Liquid, N.O.S. (Solvent Naphtha Medium Aliphatic, Solvent Naphtha Light Aromatic) 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

SECTION 15: REGULATORY INFORMATION

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: 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

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

New Jersey Right to Know: This mixture does not contain listed materials.

Oregon DEQ List of Air Toxic Contaminants: This mixture does not contain listed materials.

Pennsylvania Right to Know: This mixture does not contain listed materials.

NFPA 704

HMIS III



HEALTH	3
FLAMMABILITY	3
PHYSICAL HAZZARD	0

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.

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.