



GANS INK
& SUPPLY CO.

Safety Data Sheet

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

SECTION 1: IDENTIFICATION

SDS Number: S-1010, version 8/9/2018

(a) Product identifier

Gans Item ID: S-1010, S-1010D, S-1010G, S-1010P

Gans Description: Isopropyl alcohol, IPA ADD/FOUNT SOL

(b) Other means of identification

General description: Lithographic press fountain additive

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

Physical hazards:

- Flammable Liquid Category 2

Health hazards:

- Eye Irritation - Category 2A
- Specific Target Organ Toxicity, Single Exposure, Central Nervous System - Category 3

(b) Label elements

Signal Word: Danger



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Hazard Statements: Highly flammable liquid and vapor; Causes serious eye irritation; May cause drowsiness or dizziness.

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

Wash all contaminated areas thoroughly after handling. Avoid breathing fume/mist/vapors/spray. Use only outdoors or in a well-ventilated area.

Response:

IN CASE OF FIRE: Use dry chemical, alcohol- resistant foam, water spray/fog or carbon-dioxide to extinguish.

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

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

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. %)
Propan-2-ol/ isopropanol	67-63-0	90.0	100.0

SECTION 4: FIRST AID MEASURES

(a) Description of first aid measures:

Ingestion: Rinse mouth. Call a poison center/doctor if you feel unwell.

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. 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: No data available

Inhalation: May cause drowsiness or dizziness.

Skin contact: No data available

Eye contact: Causes serious eye irritation

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

Symptoms such as loss of breath or dizziness, burning, pain, or irritation of the eyes may indicate exposure and the need for first aid.

SECTION 5: FIRE – FIGHTING MEASURES

(a) Extinguishing Media:

Suitable extinguishing media: Use dry chemical, alcohol- resistant foam, water spray/fog or carbon-dioxide to extinguish.

Unsuitable extinguishing media: No data available

(b) Special hazards arising from the substance or mixture: Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Containers may explode when heated.

(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:

Take precautionary measures against static discharge. Wear protective gloves/eye protection/face protection. Avoid breathing fume/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing. Wash all contaminated areas thoroughly after handling.

(a.ii) Protective equipment: Refer to 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). 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.

(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. 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

Wash all contaminated areas thoroughly after handling. Avoid breathing dust/fume/gas/mist/ vapors/spray. Use only outdoors or in a well-ventilated area.

(b) Conditions for safe storage:

Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up. Keep away from heat/sparks/open flames/hot surfaces.– No smoking. Ground/Bond container and receiving equipment. Use explosion-proof electrical/ventilating/ lighting/ equipment.

Incompatibilities: No data available

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
Propan-2-ol/ isopropanol	67-63-0	400	980	400 ppm (ST) 500 ppm	400 ppm (ST) 500 ppm	400 ppm (ST) 500 ppm

(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 fume/mist/vapors/spray 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, 8th Edition recommends the following glove materials for isopropyl alcohol: Barrier, laminate film; Sol-Vex, nitrile; 29-Series, unsupported neoprene;; Snorkel, polyvinyl chloride; Chemi-Pro, neoprene/natural rubber blend.

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, or goggles

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, clear and colorless
- (b) **Odor:** Alcohol
- (c) **Odor threshold:** Data not available
- (d) **pH:** 7
- (e) **Melting point/ freezing point:** -129.1 °F (-89.5 °C)
- (f) **Initial Boiling point / Range:** 177.8 °F (81 °C)
- (g) **Flashpoint:** 53.6 °F (12 °C)
- (h) **Evaporation Rate:** 1.7
- (i) **Flammability (solid/ gas):** Data not available
- (j) **Upper/ lower flammability explosion limits:** 12% upper; 2% lower
- (k) **Vapor Pressure (mm Hg @ 68°F):** 43
- (l) **Vapor Density (Air = 1):** 2.1 @ 68 °F (20 °C)
- (m) **Relative Density (H₂O = 1):** .785
- (n) **Solubility:** Miscible
- (o) **Partition coefficient n- Octanol/ Water:** Data not available
- (p) **Auto-ignition temperature:** 797 °F (425 °C)
- (q) **Decomposition temperature:** Data not available
- (r) **Viscosity:** 2.27 mPa*s at 68 °F (20 °C)

Other properties

VOC % (wt.): 100

VOC (lbs./gal): 6.53

SECTION 10: STABILITY AND REACTIVITY INFORMATION

- (a) **Reactivity:** Not reactive under normal storage conditions. See Section 7.
- (b) **Chemical stability:** 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 oxidizing agents. Acids. Halogens. Acid anhydrides.
- (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: Not classified as hazardous; see details in table, below

Eye contact: Causes serious eye irritation;

Inhalation: May cause drowsiness or dizziness.

Ingestion: Not classified as hazardous; see details in table, below

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

Causes serious eye irritation; May cause drowsiness or dizziness.

(d) Numerical measures of toxicity, acute:

Substance	CAS # (TS= trade secret)	Oral	Inhalation	Dermal
Propan-2-ol/ isopropyl alcohol	67-63-0	LD50 5840 mg/kg bw (rat)	LC50 (6 h) 10,000 ppm (rat)	LD50 16.4 mL/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 product does not contain listed materials.

NTP; 13th Report on Carcinogens: This product does not contain listed materials.

OSHA: This product 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.

RCRA Codes: Not applicable

SECTION 14: TRANSPORT INFORMATION

US DOT (Ground):

(a) UN number: UN1219

(b) UN Proper Shipping Name: Isopropanol

(c) Transport hazard class: Flammable Liquid 3, Isopropanol, PG 2

(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

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 product does not contain listed materials.

CERCLA Hazardous Substances: This product does not contain listed materials.

EPCRA Section 313 Toxic Chemicals: This product 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

- Isopropanol CAS 67-63-0

New Jersey Right to Know

- Isopropanol CAS 67-63-0

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

NFPA 704

HMIS III



HEALTH	2
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, including 27 June 2018 update (SoVHC): 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.