



GANS INK
& SUPPLY CO.

Safety Data Sheet

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

SECTION 1: IDENTIFICATION

SDS Number: S-1652, version 7/9/2018

(a) Product identifier

Gans Item ID: S-1652, S-1652D, S-1652G, S-1652P, S-1652Q

Gans Description: Gans G9011 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 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 Liquids – Category 2

Health hazards:

- Skin Irritation – Category 2
- Eye Damage/Irritation – Category 2A
- Sensitization, Skin – Category 1B
- Specific Target Organ Toxicity, Single Exposure (central nervous system) – Category 3

(b) Label elements



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Signal Word: Danger

Hazard Statements: Highly flammable liquid and vapor; Causes skin irritation; Causes serious eye irritation; May cause an allergic skin reaction; May cause drowsiness or dizziness;

Precautionary Statements:

Prevention, Physical Hazards: 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.

Prevention, Health Hazards: Avoid breathing fume/mist/ vapors/spray. Use only outdoors or in a well-ventilated area. Wear protective gloves. Wear eye protection/face protection.

Wash contaminated areas thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace.

Response:

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.

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

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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

NA

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. %) |
|-------------------------------------|---------------------------|-----------------------|-----------------------|
| Methyl Acetate | 79-20-9 | 40 | 50 |
| Acetone, Propan-2-one | 67-64-1 | 30 | 40 |
| 2-butoxyethanol | 111-76-2 | 10 | 15 |
| 1-chloro-4-(trifluoromethyl)benzene | 98-56-6 | 5 | 15 |

SECTION 4: FIRST AID MEASURES

(a) Description of first aid measures:

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

Skin contact: 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.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Ingestion: Immediately call 911, POISON CONTROL, or doctor. National Capital Poison Center, Poison Control: 800 222-1222

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

Ingestion: Data not available.

Inhalation: May cause drowsiness or dizziness;

Skin contact: Causes skin irritation; May cause an allergic skin reaction;

Eye contact: Causes serious eye irritation;

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

Symptoms such as dizziness or loss of breath, and burning or pain to 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: Combustion will produce carbon oxides.

(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:

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

Ensure adequate ventilation. Avoid breathing fume/mist/ vapors/spray. Use personal protective equipment: Wear protective gloves. Wear eye protection/face protection.

(a.ii) Protective equipment: Wear protective gloves/eye protection/face protection. For details, 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). Follow your company's emergency procedures.

(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. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/eye protection/face protection.

Use only outdoors or in a well-ventilated area. Avoid breathing fume/mist/ vapors/spray. Wear protective gloves. Wear eye protection/face protection. Wash contaminated areas thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace.

(b) Conditions for safe storage:

Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up. 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: Data not 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 |
| Methyl Acetate | 79-20-9 | 200 | 610 | 200 ppm, (ST) 250 ppm | 200 ppm, (ST) 250 ppm | 200 ppm, (ST) 250 ppm |
| Acetone | 67-64-1 | 1000 | 2400 | 500 ppm, (ST) 750 ppm, (C) 3000 ppm | 250 ppm | 250 ppm, (ST) 500 ppm |
| 2-butoxyethanol | 111-76-2 | 50 | 240 | 20 ppm | 5 ppm | 20 ppm |
| 1-chloro-4-(trifluoromethyl)benzene | 98-56-6 | Data not available | | | | |

(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: Avoid breathing mist, vapors, spray. Where fume/mist/ vapors/spray is present, an organic vapor respirator is recommended.

Skin Contact: Wear protective gloves/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 Ethyl Acetate (similar to Methyl Acetate), and Acetone: Barrier, laminate film; Chemtek Butyl, unsupported butyl.

Eye Contact: Wear eye protection/face protection. Eye and face protective devices must comply with ANSI Z87.1-1989. Recommended eye protection: Safety glasses with side-shields; Safety 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:** Organic solvent

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

(d) **pH:** NA

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

(f) **Initial Boiling point / Range:** >133 ° (>56° C), estimate

(g) **Flashpoint:** 5 °F (- 15° C), estimate

(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:** Methyl acetate = 22.8 kPa @ 20 °C; Acetone = 24 kPa @ 20 °C

(l) **Vapor Density (Air = 1):** Data not available

(m) **Relative Density (H₂O = 1):** .92, estimate

(n) **Solubility:** Methyl acetate = 243.5 g/L @ 20 °C

(o) **Partition coefficient n- Octanol/ Water:** Data not available

(p) **Auto-ignition temperature:** Methyl acetate = 454 °C @ 101.3 kPa; Acetone = 4654 °C @ 101.3 kPa

(q) **Decomposition temperature:** Data not available

(r) **Viscosity:** Data not available

Other properties

VOC % (wt.): 10

VOC: .77 lbs./gal.; 92 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:** No data available.

(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, ingestion.

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

Skin contact: Causes skin irritation; May cause an allergic skin reaction;

Eye contact: Causes serious eye irritation;

Inhalation: May cause drowsiness or dizziness;

Ingestion: Data not available

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

Causes skin irritation; Causes serious eye irritation; May cause an allergic skin reaction; May cause drowsiness or dizziness;

(d) Numerical measures of toxicity, acute:

| Substance | CAS # (TS= trade secret) | Oral | Inhalation | Dermal |
|---|-----------------------------------|-------------------------------------|-------------------------------------|------------------------------------|
| Methyl Acetate | 79-20-9 | LD50 6482 mg/kg bw (rat) | LC0 (4 h) 49.2 mg/L air (rabbit) | LD50 2000 mg/kg bw (rat) |
| Acetone | 67-64-1 | LD50 5800 mg/kg bw (rat) | LC50 (8 h) 50.1 mg/L air (rat) | LD50 7426 mg/kg bw (guinea pig) |
| 2-butoxyethanol | 111-76-2 | LD50 1 414 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) |

(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.

RCRA Codes

- Acetone (67-64-1): U002

SECTION 14: TRANSPORT INFORMATION

US DOT (Ground):

- (a) UN number: UN1993
- (b) UN Proper Shipping Name: Flammable Liquids, N.O.S. (Methyl acetate, Acetone)
- (c) Transport hazard class: Flammable Liquids, Class 3
- (d) Packing Group: PG II
- (e) Environmental hazards: Not regulated as a dangerous good
- (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:

Acetone (67-64-1): RQ = 5000

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

- Methyl acetate 79-20-9
- Acetone 67-64-1
- 2-butoxyethanol 111-76-2

Oregon DEQ List of Air Toxic Contaminants:

- 2-butoxyethanol 111-76-2

Pennsylvania Right to Know

- Methyl acetate 79-20-9
- Acetone 67-64-1
- 2-butoxyethanol 111-76-2

Canadian Environmental Protection Act:

WHMIS Classification: No data available

European Chemical Agency (ECHA): 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.