



GANS INK
& SUPPLY CO.

Safety Data Sheet

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

SECTION 1: IDENTIFICATION

SDS Number: S-1855, version 11/30/2018

(a) Product identifier

Gans Item ID: S-1855, S-1855D, S-1855G, S-1855P, S-1855Q

Gans Description: Gans Aqueous Coating Cleaner

(b) Other means of identification

General description: Aqueous-coating 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: Classified as Hazardous according to OSHA Hazard Communication Standard (29 CFR 1910.1200).

Physical hazards: Not classified as hazardous

Health hazards:

- Skin Irritation – Category 2
- Eye Damage/Irritation – Category 2A
- Toxic to Reproduction – Category 1B

(b) Label elements

Signal Word: Danger

Hazard Statements: Causes skin irritation; Causes serious eye irritation; May damage fertility or the unborn child;

Precautionary Statements: 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. Wash contaminated areas thoroughly after handling.

Response:

If exposed or concerned: Get medical advice/attention.

IF ON SKIN OR HAIR: Wash with plenty of water and mild soap. If skin irritation occurs: Get medical advice/attention.

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.

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	CAS # (TS = trade secret)	Conc. min. (wt. %)	Conc. max. (wt. %)
1-methyl-2-pyrrolidone	872-50-4	0.0%	10.0%
2,2'-iminodiethanol	111-42-2	0.0%	< 1.0%

SECTION 4: FIRST AID MEASURES

(a) Description of first aid measures:

Inhalation: If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing.

Skin contact: 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.

If eye irritation persists: Get medical advice/attention.

Ingestion: If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician.

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

Inhalation: Data not available; Not classified as hazardous

Skin contact: Causes skin irritation.

Eye contact: Causes serious eye irritation.

Ingestion: May damage fertility or the unborn child.

(c) Indication of any immediate medical attention and special treatment needed: Data not available.

SECTION 5: FIRE – FIGHTING MEASURES

(a) Extinguishing Media:

Suitable extinguishing media: Use CO₂, extinguishing powder or water spray.

Unsuitable extinguishing media: Water with full jet.

(b) Special hazards arising from the substance or mixture: Fire may produce hazardous fumes.

(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 for general industrial environment.

(a.ii) Protective equipment: Wear protective gloves/protective clothing/eye protection/face protection. Wash contaminated areas thoroughly after handling. See Section 8 for details.

(a.iii) Emergency procedures: Follow your company's emergency spill procedures.

(b) Methods for containment and cleaning up: Dike and contain spill. Soak up with inert absorbent material.

SECTION 7: HANDLING AND STORAGE

(a) Precautions for safe handling: Wear protective gloves/protective clothing/eye protection/face protection. Wash contaminated areas thoroughly after handling. Do not ingest. Take off contaminated clothing and wash it before reuse.

(b) Conditions for safe storage: Keep cool. Do not freeze. Ideal storage temperature is 50-90 °F (10-32 °C).

Incompatibilities: Keep away from strong oxidizing agents, and strong acids and bases. Keep away from high heat, and freezing.

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: Ensure adequate ventilation for general industrial environment.

General protective measures: Ensure that eye flushing /eye wash stations, and hand washing areas are accessible.

(c) Personal protective equipment:

Inhalation: Use protective equipment appropriate for the general industrial environment.

Skin Contact: Wear protective gloves/protective clothing that is appropriate for the general industrial environment. Compatible chemical-protective gloves from Ansell; Sol-Vex, nitrile; 29-Series, unsupported neoprene; PVA, supported polyvinyl alcohol; Snorkel, polyvinyl chloride;

Eye Contact: Wear eye protection/face protection. Recommended eye protection: 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):** Liquid, colorless
- (b) **Odor:** Mild solvent odor
- (c) **Odor threshold:** Data not available
- (d) **pH:** Data not available
- (e) **Melting point/ freezing point:** Data not available
- (f) **Initial Boiling point / Range:** ~212 °F (~ 100 °C)
- (g) **Flashpoint:** > 200 °F (> 93.3 °C) Close cup
- (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:** Data not available
- (l) **Vapor Density (Air = 1):** Data not available
- (m) **Relative Density (H₂O = 1):** 1.00 (60 °F (15.5 °C))
- (n) **Solubility:** Miscible with 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.): 9.6

VOC: .80 (lbs./gal); 96 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 high heat, freezing, and direct sunlight.
- (e) **Incompatible materials:** Strong oxidizers, strong acids and bases.
- (f) **Hazardous decomposition product:** Carbon and nitrogen oxides are the main combustion gases.

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;

Eye contact: Causes serious eye irritation;

Inhalation: Data not available; Not classified as Hazardous

Ingestion: May damage fertility or the unborn child;

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

May damage fertility or the unborn child;

(d) Numerical measures of toxicity, acute:

Substance	CAS # (TS= trade secret)	Oral	Inhalation	Dermal
1-methyl-2-pyrrolidone	872-50-4	LD50 4150 mg/kg bw (rat)	LC50 (4 h) 5.1 mg/L air (rat)	LD50 5000 mg/kg bw (rat)
2,2'-iminodiethanol	111-42-2	LD50 675.8 - 2 500 mg/kg bw (rat)	LC0 (8 h) 200 mg/m ³ air (rat)	Data not available

(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): Not regulated as a dangerous good

(a) UN number: Not regulated as a dangerous good

(b) UN Proper Shipping Name: Not regulated as a dangerous good

(c) Transport hazard class: Not regulated as a dangerous good

(d) Packing Group: Not regulated as a dangerous good

(e) Environmental hazards: Not regulated as a dangerous good

(f) Transport in bulk

MARPOL 73/78: Not regulated as a dangerous good

IBC: Not regulated as a dangerous good.

(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:

- 2,2'-iminodiethanol 111-42-2; RQ= 100


EPCRA Section 313 Toxic Chemicals:

- 1-methyl-2-pyrrolidone 872-50-4
- 2,2'-iminodiethanol 111-42-2

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:  **WARNING:** This product can expose you to chemicals including 1-methyl-2-pyrrolidone, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov. Complete list:

- 1-methyl-2-pyrrolidone 872-50-4
- 2,2'-iminodiethanol 111-42-2

New Jersey Right to Know:

- 1-methyl-2-pyrrolidone 872-50-4
- 2,2',2''-nitrilotriethanol 102-71-6
- 2,2'-iminodiethanol 111-42-2

Oregon DEQ List of Air Toxic Contaminants:

- 2,2'-iminodiethanol 111-42-2

Pennsylvania Right to Know:

- 1-methyl-2-pyrrolidone 872-50-4
- 2,2',2''-nitrilotriethanol 102-71-6
- 2,2'-iminodiethanol 111-42-2

Canadian Environmental Protection Act:

WHMIS Classification: No data available

European Chemical Agency (ECHA):

Candidate List of Substances of Very High Concern (SoVHC):

- 1-methyl-2-pyrrolidone 872-50-4

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.