



GANS INK
& SUPPLY CO.

Safety Data Sheet

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

SECTION 1: IDENTIFICATION

SDS Number: S-1833, version 1/22/2018

(a) Product identifier

Gans Item ID: S-1833, S-1833D, S-1833G, S-1833P, S-1833Q

Gans Description: Gans Deep Klene

(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:**
 - Flammable Liquid Category 4
- **Health hazards:**
 - Skin Irritation - Category 2
 - Eye Irritation - Category 2B
 - Germ Cell Mutagenicity - Category 1B
 - Carcinogenicity - Category 1B

(b) Label elements

Signal Word: Danger

Hazard Statements: Combustible liquid; Causes skin irritation; Causes eye irritation; May cause genetic defects; May cause cancer

Precautionary Statements:

Prevention: Keep away from flames and hot surfaces. – No smoking. 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 SWALLOWED: 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. 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.

IN CASE OF FIRE: Use dry chemical or carbon dioxide to extinguish.

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. %)
1,2-bis(7-methyloctyl) benzene-1,2-dicarboxylate	28553-12-0	40.0%	50.0%
Solvent naphtha (petroleum), light aromatic	64742-95-6	1.0%	10.0%
2-(2-[4-(1,1,3,3-Tetramethylbutyl)phenoxy]ethoxy)ethanol	9036-19-5	1.0%	10.0%
2-[bis(2-hydroxyethyl)amino]ethan-1-ol	102-71-6	1.0%	10.0%

SECTION 4: FIRST AID MEASURES

(a) Description of first aid measures:

Ingestion: If exposed or concerned: Get medical advice/attention.

Inhalation: No data available

Skin contact: Wash with plenty of water and mild soap. 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 cause genetic defects; May cause cancer

Inhalation: No data available.

Skin contact: Causes skin irritation.

Eye contact: Causes eye irritation.

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

Symptoms such as burning, pain, or irritation 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, or dry chemical 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: Upon combustion, the product may form carbon monoxide and other organic compounds. Product containers may rupture from vapor pressure when exposed to heat from fire.

(c) Special protective equipment and precautions for fire-fighters: Wear NIOSH approved self-contained respiratory protective device.

SECTION 6: ACCIDENTAL RELEASE MEASURES

(a.i) Personal precautions:

Ensure adequate ventilation. Use personal protective equipment. Avoid contact with skin, eye or clothing. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

(a.ii) Protective equipment: Wear protective gloves/protective clothing/eye protection/face protection.

(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. Follow emergency procedures that are appropriate for the general industrial environment.

(b) Methods for containment and cleaning up:

Dike and contain spill. 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 flames and hot surfaces. – No smoking

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.

(b) Conditions for safe storage:

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

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
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: 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 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 sufficiently similar to CAS 28553-12-0, and 64742-95-6: Barrier, laminate film; 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: 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, tan colored emulsion

(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:** 212-410 °F (100-212 °C)
- (g) **Flashpoint:** >140 °F (>60 °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):** < 1.0
- (l) **Vapor Density (Air = 1):** Data not available
- (m) **Relative Density (H₂O = 1):** .88
- (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.): 9.0

VOC (wt./vol.): 0.66 lb./gal.; 79 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: Causes skin irritation

Eye contact: Causes eye irritation.

Inhalation: Data not available

Ingestion: May cause genetic defects; May cause cancer

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

May cause genetic defects. May cause cancer.

(d) Numerical measures of toxicity, acute:

Substance	CAS # (TS= trade secret)	Oral	Inhalation	Dermal
Di-"isononyl" phthalate	28553-12-0	LD50 10,000 mg/kg bw (rat)	LC50 (4 h) 4.4 mg/L air (rat)	LD50 3160 mg/kg bw (rabbit)
Solvent naphtha, light aromatic	64742-95-6	LD50 5000 mg/kg bw (rat)	Data not available	LD50 2000 mg/kg bw (rabbit)

Substance	CAS # (TS= trade secret)	Oral	Inhalation	Dermal
Nonionic surfactant	9036-19-5	Data not available	Data not available	Data not available
Tri ethanol amine	102-71-6	LD50 6400 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): 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: 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

- 2-[bis(2-hydroxyethyl)amino]ethan-1-ol, CAS 102-71-6

New Jersey Right to Know

- 2-[bis(2-hydroxyethyl)amino]ethan-1-ol, CAS 102-71-6

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.