



GANS INK
& SUPPLY CO.

Safety Data Sheet

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

SECTION 1: IDENTIFICATION

SDS Number: 706, version 1/16/2017

(a) Product identifier

Gans Item ID: F-7100US, F-7100US5KG, F-7101US, F-7101US5KG, F-7106US, F-7110US, F-7112US, F-7118US, F-7123, F-7160K, F-7172US, F-7173US, F-7175US, F-7176US, F-7178US, F-7500K, F-7500KB, F-7500M, F-7500MB, F-7500Y, F-7500YB

Gans Description:

Pyro-Jet Global, Pyro-Jet FR Global, Pyro-Jet Fluorescent, Gans Pyro-Jet Special Black, Gans Global 2 Direct to Fabric, Pyro-Jet Global VI, Pyro-Jet Global 7, Pyro-Jet TFP

(b) Other means of identification

General description: Water-based, Sublimation Ink Jet Inks

(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: According to OSHA Hazard Communication Standard (29 CFR 1910.1200).

Physical hazards: NA

Health hazards: Skin Sensitization – Category 1

(b) Label elements

Signal Word: Warning

Hazard Statements: May cause an allergic skin reaction



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Precautionary Statements: Avoid breathing mist/vapors/spray. Wear protective gloves. Contaminated work clothing must not be allowed out of the workplace.

Response:

IF ON SKIN OR HAIR: Wash with plenty of water and soap. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.

IF IN EYES: Rinse cautiously with water for several minutes.

Storage: 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: NA

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

Substance	CAS # (TS = trade secret)	Conc. min. (wt. %)	Conc. max. (wt. %)
DB360; Benzenamine, N,N-diethyl-3-methyl-4-[2-(5-nitro-2-thiazolyl)diazenyl]-	70693-64-0	0	5.0
DY: 3-(1H-benzimidazol-2-yl)-7-(diethylamino)-2-benzopyrone	27425-55-4	0	3.0
cis-1-(3-chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride	51229-78-8	0.1	0.25
7a-ethyl-dihydro-1H,3H,5H-oxazolo[3,4-c]oxazole	7747-35-5	0	0.25
2-methyl-2H-isothiazol-3-one	55965-84-9	0	0.05
1,2-benzisothiazolin-3-one	2634-33-5	0	0.05

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 soap. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.

Eye contact: Rinse cautiously with water for several minutes.

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:

Ingestion: Data not available.

Inhalation: Data not available.

Skin contact: Data not available.

Eye contact: Data not available.

(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: This product is not expected to support combustion. Use CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Unsuitable extinguishing media: Water with full jet.

(b) Special hazards arising from the substance or mixture: Burning produces heavy smoke and combustion gasses.

(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: See Section 8 for details. Use additional personal protective equipment that is appropriate for the general industrial environment.

(a.iii) Emergency procedures: Follow emergency procedures that are appropriate for the general industrial environment.

(b) Methods for containment and cleaning up: Dike and contain spill. Soak up with inert absorbent material appropriate for aqueous (water-based) mixtures.

SECTION 7: HANDLING AND STORAGE

(a) Precautions for safe handling: Do not ingest. Avoid contact with eyes and skin, inhalation of vapors and mists. Wash hands after handling. 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 oxidizing agents. Keep away from high heat, freezing, and direct sunlight

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Substance	CAS #	OSHA PEL		Cal/OSHA PEL	NIOSH REL	ACGIH 2015 TVL
		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
DB360; Benzenamine, N,N-diethyl-3-methyl-4-[2-(5-nitro-2-thiazolyl)diazenyl]-	70693-64-0	No data available	No data available	No data available	No data available	No data available
DY: 3-(1H-benzimidazol-2-yl)-7-(diethylamino)-2-benzopyrone	27425-55-4	No data available	No data available	No data available	No data available	No data available
cis-1-(3-chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride	51229-78-8	No data available	No data available	No data available	No data available	No data available
7a-ethyl-dihydro-1H,3H,5H-oxazolo[3,4-c]oxazole	7747-35-5	No data available	No data available	No data available	No data available	No data available

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
2-methyl-2H -isothiazol-3-one	55965-84-9	No data available	No data available	No data available	No data available	No data available
1,2-benzisothiazolin-3-one	2634-33-5	No data available	No data available	No data available	No data available	No data available

(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: Recommended: disposable vinyl, or nitrile rubber gloves; wear Ansell Sol-Vex Nitrile gloves or similar for greater protection.

Eye Contact: Where eye contact is possible, wear protective eye shields. Otherwise, wear eye protection/face protection that is appropriate for the general industrial environment.

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, various colors

(b) Odor: Data not available

(c) Odor threshold: Data not available

(d) pH: 8.0-9.5

(e) Melting point/ freezing point: ~32 °F (~ 0 °C)

(f) Initial Boiling point / Range: ~212 °F (~ 100 °C)

(g) Flashpoint: > 212 °F (> 100 °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: Data not available

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

(m) Relative Density (H₂O = 1): ~1.1

(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.): 0

VOC (lbs./gal.): 0

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, peroxides, acids, alkali metals
- (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: May cause an allergic skin reaction

Eye contact: Not classified as Hazardous

Inhalation: Not classified as Hazardous

Ingestion: Not classified as Hazardous

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

May cause an allergic skin reaction

(d) Numerical measures of toxicity, acute:

Substance	CAS # (TS= trade secret)	Oral	Inhalation	Dermal
DB360; Benzenamine, N,N-diethyl-3-methyl-4-[2-(5-nitro-2-thiazolyl)diazenyl]-	70693-64-0	No data available	No data available	No data available
DY: 3-(1H-benzimidazol-2-yl)-7-(diethylamino)-2-benzopyrone	27425-55-4	No data available	No data available	No data available
cis-1-(3-chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride	51229-78-8	No data available	No data available	No data available
7a-ethyl-dihydro-1H,3H,5H-oxazolo[3,4-c]oxazole	7747-35-5	LD50 3674 - 5249 mg/kg bw (rat)	No data available	LD50 2000 mg/kg bw (rat)
2-methyl-2H-isothiazol-3-one	55965-84-9	LD50 53 mg/kg	No data available	No data available
1,2-benzisothiazolin-3-one	2634-33-5	No data available	No data available	No data available

(e) Carcinogens information:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as Group 1 (Carcinogenic to humans), Group 2A (Probably carcinogenic to humans), or Group 2B (Possibly carcinogenic to humans) by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP (13th Report on Carcinogens).

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

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 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: No data available

New Jersey Right to Know: No data available

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

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.