

Ink

Safety Data Sheet

according to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations
SDS Reference Number: CSSS-TCO-010-171107
Issue date: 9/22/2025 Revision date: 9/22/2025 Version: 1.0

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Product name : Ink

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Write
Restrictions on use : Not available

1.4. Supplier's details

Wenzhou Lisheng Stationery Co., Ltd
No.120, Yucang Road, Wenzhou Eco & Dev Zone, Wenzhou 325011, China
T +86-577-86554777 - F -
celinna@lishengstationery.com

1.5. Emergency phone number

Emergency number : -

SECTION 2 Hazard Identification

2.1. Classification of the substance or mixture

GHS US classification

Serious eye damage/eye irritation, Category 1	H318	Causes serious eye damage.
Reproductive toxicity, Category 2	H361	Suspected of damaging fertility or the unborn child.
Full text of H statements : see section 16		

2.2. Label elements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Danger

Hazard statements (GHS US) : H318 - Causes serious eye damage
H361 - Suspected of damaging fertility or the unborn child

Precautionary statements (GHS US) : P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P280 - Wear protective gloves, protective clothing, eye protection, face protection, and hearing protection.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 - If exposed or concerned: Get medical advice/attention.
P310 - Immediately call a poison center or doctor.
P405 - Store locked up.

Ink

Safety Data Sheet

according to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations

P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

No additional information available

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name		Product identifier	%	GHS US classification
Formulation 1	Water	CAS-No.: 7732-18-5	78.2	Not classified
	Glycerol	CAS-No.: 56-81-5	20	Not classified
	2-Phenoxyethanol	CAS-No.: 122-99-6	1	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 STOT SE 3, H335
	C.I. acid blue 093	CAS-No.: 28983-56-4	0.5	Not classified
	Basic Yellow 51	CAS-No.: 83949-75-1	0.3	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319
Formulation 2	Water	CAS-No.: 7732-18-5	77.8	Not classified
	Glycerol	CAS-No.: 56-81-5	20	Not classified
	2-Phenoxyethanol	CAS-No.: 122-99-6	1	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 STOT SE 3, H335
	C.I. basic yellow 028	CAS-No.: 54060-92-3	0.5	Acute Tox. 3 (Oral), H301 Acute Tox. 4 (Dermal), H312 Acute Tox. 2 (Inhalation), H330 Eye Dam. 1, H318
	C.I. basic red 014	CAS-No.: 12217-48-0	0.2	Eye Irrit. 2, H319 STOT SE 3, H335
Formulation 3	Water	CAS-No.: 7732-18-5	72.2	Not classified
	Glycerol	CAS-No.: 56-81-5	20	Not classified
	2-[2-[4-[(2-Chloroethyl)methylamino]phenyl]ethenyl]-1,3,3-trimethyl-3H-indolium chloride	CAS-No.: 3648-36-0	4.2	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335

Ink

Safety Data Sheet

according to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations

Name		Product identifier	%	GHS US classification
	C.I. basic yellow 028	CAS-No.: 54060-92-3	2.6	Acute Tox. 3 (Oral), H301 Acute Tox. 4 (Dermal), H312 Acute Tox. 2 (Inhalation), H330 Eye Dam. 1, H318
	2-Phenoxyethanol	CAS-No.: 122-99-6	1	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 STOT SE 3, H335
Formulation 4	Water	CAS-No.: 7732-18-5	72.8	Not classified
	Glycerol	CAS-No.: 56-81-5	20	Not classified
	2-[2-[4-[(2-Chloroethyl)methylamino]phenyl]ethenyl]-1,3,3-trimethyl-3H-indolium chloride	CAS-No.: 3648-36-0	4.2	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
	C.I. basic yellow 028	CAS-No.: 54060-92-3	2.0	Acute Tox. 3 (Oral), H301 Acute Tox. 4 (Dermal), H312 Acute Tox. 2 (Inhalation), H330 Eye Dam. 1, H318
	2-Phenoxyethanol	CAS-No.: 122-99-6	1	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 STOT SE 3, H335
Formulation 5	Water	CAS-No.: 7732-18-5	75	Not classified
	Glycerol	CAS-No.: 56-81-5	20	Not classified
	C.I. basic red 014	CAS-No.: 12217-48-0	2.0	Eye Irrit. 2, H319 STOT SE 3, H335
	2-[2-[4-[(2-Chloroethyl)methylamino]phenyl]ethenyl]-1,3,3-trimethyl-3H-indolium chloride	CAS-No.: 3648-36-0	2.0	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
	2-Phenoxyethanol	CAS-No.: 122-99-6	1	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 STOT SE 3, H335
Formulation 6	Water	CAS-No.: 7732-18-5	78.1	Not classified
	Glycerol	CAS-No.: 56-81-5	20	Not classified
	2-Phenoxyethanol	CAS-No.: 122-99-6	1	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 STOT SE 3, H335
	2-[2-[4-[(2-Chloroethyl)methylamino]phenyl]ethenyl]-1,3,3-trimethyl-3H-indolium chloride	CAS-No.: 3648-36-0	0.5	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
	Basic Yellow 51	CAS-No.: 83949-75-1	0.2	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319
	C.I. acid blue 093	CAS-No.: 28983-56-4	0.1	Not classified
	C.I. basic red 014	CAS-No.: 12217-48-0	0.1	Eye Irrit. 2, H319 STOT SE 3, H335
Formulation 7	Water	CAS-No.: 7732-18-5	76.3	Not classified
	Glycerol	CAS-No.: 56-81-5	20	Not classified

Ink

Safety Data Sheet

according to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations

Name		Product identifier	%	GHS US classification
	C.I. basic red 014	CAS-No.: 12217-48-0	2.4	Eye Irrit. 2, H319 STOT SE 3, H335
	2-Phenoxyethanol	CAS-No.: 122-99-6	1	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 STOT SE 3, H335
	C.I. acid blue 093	CAS-No.: 28983-56-4	0.3	Not classified
Formulation 8	Water	CAS-No.: 7732-18-5	73.9	Not classified
	Glycerol	CAS-No.: 56-81-5	20	Not classified
	Basic Yellow 51	CAS-No.: 83949-75-1	3.5	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319
	[4-[α -[4-(Dimethyl amino)phenyl]benzylidene] cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride	CAS-No.: 569-64-2	1.6	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Repr. 2, H361
	2-Phenoxyethanol	CAS-No.: 122-99-6	1	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 STOT SE 3, H335
Formulation 9	Water	CAS-No.: 7732-18-5	76.9	Not classified
	Glycerol	CAS-No.: 56-81-5	20	Not classified
	2-Phenoxyethanol	CAS-No.: 122-99-6	1	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 STOT SE 3, H335
	2-[2-[4-[(2-Chloroethyl)methylamino]phenyl]ethenyl]-1,3,3-trimethyl-3H-indolium chloride	CAS-No.: 3648-36-0	1.5	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
	Basic Yellow 51	CAS-No.: 83949-75-1	0.6	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319
Formulation 10	Water	CAS-No.: 7732-18-5	67	Not classified
	Glycerol	CAS-No.: 56-81-5	20	Not classified
	Sodium sulfite	CAS-No.: 7757-83-7	12	Not classified
	2-Phenoxyethanol	CAS-No.: 122-99-6	1	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 STOT SE 3, H335

Full text of hazard classes and H-statements : see section 16

SECTION 4 First aid measures

4.1. Description of necessary first-aid measures

First-aid measures general	: IF exposed or concerned: Get medical advice/attention.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water; Take off contaminated clothing.; If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.

Ink

Safety Data Sheet

according to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations

First-aid measures after ingestion	: Rinse mouth out with water;Do not induce vomiting;Call a poison center or a doctor if you feel unwell
Personal protection for first-aid responders.	: First aid workers will be equipped with suitable personal protective equipment.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation	: None under normal conditions.
Symptoms/effects after skin contact	: None under normal conditions.
Symptoms/effects after eye contact	: Serious damage to eyes.
Symptoms/effects after ingestion	: None under normal conditions.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment	: Treat symptomatically.
-----------------------------------	--------------------------

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard	: No fire hazard.
Explosion hazard	: No direct explosion hazard.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	: Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material-damage.
------------------	---

For non-emergency personnel

Protective equipment	: Wear recommended personal protective equipment.
Emergency procedures	: Ventilate spillage area. Avoid contact with skin and eyes.

For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	: Evacuate unnecessary personnel. Stop leak if safe to do so.
Environmental precautions	: Avoid release to the environment.

6.2. Methods and materials for containment and cleaning up

For containment	: Collect spillage. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible without risk.
Methods for cleaning up	: Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
Other information	: Dispose of materials or solid residues at an authorized site.
For further information refer to section 13	

Ink

Safety Data Sheet

according to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Ensure good ventilation of the work station. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Avoid contact with skin and eyes.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
Additional hazards when processed	: Not expected to present a significant hazard under anticipated conditions of normal use.

7.2. Conditions for safe storage, including incompatibilities

Technical measures	: Keep in a cool, well-ventilated place away from heat.
Storage conditions	: Store locked up.
Packaging materials	: Store always product in container of same material as original container.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Glycerol (56-81-5)

USA - OSHA - Occupational Exposure Limits

Local name	Glycerin (mist)
OSHA PEL TWA	15 mg/m ³ (Total dust) 5 mg/m ³ (Respirable fraction)
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

USA - Cal/OSHA - Occupational Exposure Limits

Local name	Glycerin mist
Cal/OSHA PEL (OEL TWA)	10 mg/m ³ (Total dust) 5 mg/m ³ (Respirable fraction)
Regulatory reference	California Division of Occupational Safety and Health (Cal/OSHA) - Permissible Exposure Limit for Chemical Contaminants (Table AC-1)

8.2. Appropriate engineering controls

Appropriate engineering controls	: Ensure good ventilation of the work station.
Environmental exposure controls	: Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment

Personal protective equipment:

Wear recommended personal protective equipment.

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Ink

Safety Data Sheet

according to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations

Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection.

Personal protective equipment symbol(s):



SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	: Liquid
Appearance	: Liquid.
Color	: 10 colors
Odor	: Odorless
Odor threshold	: No data available
pH	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Flammability (solid, gas)	: Not applicable.
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Explosion limits	: No data available
Particle characteristics	: No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Incompatible materials.

Ink

Safety Data Sheet

according to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations

10.5. Incompatible materials

Strong acids. Strong bases. Strong oxidizing agents.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : No data available
Acute toxicity (dermal) : No data available
Acute toxicity (inhalation) : No data available

2-Phenoxyethanol (122-99-6)

LD50 oral rat	1840 mg/kg
---------------	------------

LD50 dermal rat	> 2000 mg/kg
-----------------	--------------

Skin corrosion/irritation : No data available

Serious eye damage/irritation : Causes serious eye damage.

Respiratory or skin sensitization : No data available

Germ cell mutagenicity : No data available

Carcinogenicity : No data available

Reproductive toxicity : Suspected of damaging fertility or the unborn child.

STOT-single exposure : No data available

STOT-repeated exposure : No data available

Aspiration hazard : No data available

Symptoms/effects after inhalation : None under normal conditions.

Symptoms/effects after skin contact : None under normal conditions.

Symptoms/effects after eye contact : Serious damage to eyes.

Symptoms/effects after ingestion : None under normal conditions.

SECTION 12 Ecological information

12.1. Ecotoxicity

Ecology - general : Toxic to aquatic life with long lasting effects.

Hazardous to the aquatic environment, short-term (acute) : Toxic to aquatic life.

Hazardous to the aquatic environment, long-term (chronic) : Toxic to aquatic life with long lasting effects.

2-Phenoxyethanol (122-99-6)

LC50 96h - Fish [1]	344 mg/l
---------------------	----------

EC50 48h - Crustacea [1]	> 500 mg/l
--------------------------	------------

EC50 72h - Algae [1]	> 100 mg/l
----------------------	------------

NOEC chronic fish	23 mg/l
-------------------	---------

NOEC chronic crustacea	9.43 mg/l
------------------------	-----------

Ink

Safety Data Sheet

according to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations

2-Phenoxyethanol (122-99-6)

NOEC chronic algae	46 mg/l
--------------------	---------

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone	: No data available
Fluorinated greenhouse gases	: No

SECTION 13 Disposal considerations

Regional waste regulation	: Disposal must be done according to official regulations.
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Seawage disposal recommendations	: Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Disposal must be done according to official regulations.
Additional information	: Do not re-use empty containers.

SECTION 14 Transport information

In accordance with DOT / TDG / IMDG / IATA

14.1. UN number

UN-No. (DOT)	: UN3082
UN-No. (TDG)	: UN3082
UN-No. (IMDG)	: 3082
UN-No. (IATA)	: 3082

14.2. UN Proper Shipping Name

Proper Shipping Name (DOT)	: Environmentally hazardous substances, liquid, n.o.s.(C.I. basic yellow 028)
Proper Shipping Name (TDG)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (C.I. basic yellow 028)
Proper Shipping Name (IMDG)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (C.I. basic yellow 028)
Proper Shipping Name (IATA)	: Environmentally hazardous substance, liquid, n.o.s. (C.I. basic yellow 028)

14.3. Transport hazard class(es)

DOT

Transport hazard class(es) (DOT)	: 9
Hazard labels (DOT)	: 9



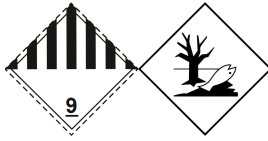
TDG

Transport hazard class(es) (TDG)	: 9
Hazard labels (TDG)	: 9

Ink

Safety Data Sheet

according to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations



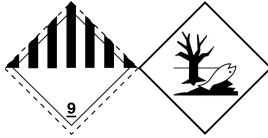
IMDG

Transport hazard class(es) (IMDG) : 9
Hazard labels (IMDG) : 9



IATA

Transport hazard class(es) (IATA) : 9
Hazard labels (IATA) : 9



14.4. Packing group

Packing group (DOT) : III
Packing group (TDG) : III
Packing group (IMDG) : III
Packing group (IATA) : III

14.5. Environmental hazards

Dangerous for the environment : Yes
Marine pollutant : Yes



Other information : No supplementary information available.

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT

UN-No. (DOT) : UN3082

Ink

Safety Data Sheet

according to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations

DOT Special Provisions (49 CFR 172.102)	: 8 - A hazardous substance that is not a hazardous waste may be shipped under the shipping description "Other regulated substances, liquid or solid, n.o.s.", as appropriate. In addition, for solid materials, special provision B54 applies. 146 - This description may be used for a material that poses a hazard to the environment but does not meet the definition for a hazardous waste or a hazardous substance, as defined in 171.8 of this subchapter, or any hazard class as defined in Part 173 of this subchapter, if it is designated as environmentally hazardous by the Competent Authority of the country of origin, transit or destination. 173 - An appropriate generic entry may be used for this material. 335 - Mixtures of solids that are not subject to this subchapter and environmentally hazardous liquids or solids may be classified as "Environmentally hazardous substances, solid, n.o.s.," UN3077 and may be transported under this entry, provided there is no free liquid visible at the time the material is loaded or at the time the packaging or transport unit is closed. Each transport unit must be leak-proof when used as bulk packaging. IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672). T4 - 2.65 178.274(d)(2) Normal..... 178.275(d)(3) TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = $97 / 1 + a (tr - tf)$ Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling. TP29 - A portable tank having a minimum test pressure of 1.5 bar (150.0 kPa) may be used provided the calculated test pressure is 1.5 bar or less based on the MAWP of the hazardous materials, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP.
DOT Packaging Exceptions (49 CFR 173.xxx)	: 155
DOT Packaging Non Bulk (49 CFR 173.xxx)	: 203
DOT Packaging Bulk (49 CFR 173.xxx)	: 241
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	: No Limit
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	: No Limit
DOT Vessel Stowage Location	: A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.
TDG	
UN-No. (TDG)	: UN3082

TDG Special Provisions	: 16 - (1) The technical name of at least one of the most dangerous substances that predominantly contributes to the danger or dangers posed by the dangerous goods must be shown, in parentheses, on the shipping document following the shipping name in accordance with clause 3.5(1)(c)(ii)(A). The technical name must also be shown, in parentheses, on a small means of containment or on a tag following the shipping name in accordance with subsections 4.11(2) and (3). (2) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a shipping document or on a small means of containment when Canadian law for domestic transport or an international convention for international transport prohibits the disclosure of the technical name: (a) UN1544, ALKALOID SALTS, SOLID, N.O.S. or ALKALOIDS, SOLID, N.O.S; (b) UN1851, MEDICINE, LIQUID, TOXIC, N.O.S; (c) UN3140, ALKALOID SALTS, LIQUID, N.O.S. or ALKALOIDS, LIQUID, N.O.S; (d) UN3248, MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S; or (e) UN3249, MEDICINE, SOLID, TOXIC, N.O.S. (3) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a small means of containment: (a) UN2814, INFECTIOUS SUBSTANCE, AFFECTING HUMANS; or (b) UN2900, INFECTIOUS SUBSTANCE, AFFECTING ANIMALS, 99 - (1) Mixtures of solids that are not dangerous goods and liquids or solids that are UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S, or UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S, may be offered for transport, handled or transported as UN3077 if there is no visible liquid when the dangerous goods are loaded into a means of containment and during transport. (2) These Regulations, except for Parts 1 and 2, do not apply to the offering for transport, handling or transport of less than 450 kg of UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S, or less than 450 L of UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S, on a road vehicle or a railway vehicle. The dangerous goods must be contained in one or more small means of containment designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no release of the dangerous goods that could endanger public safety.
Explosive Limit and Limited Quantity Index	: 5 L
Excepted quantities (TDG)	: E1
Emergency Response Guide (ERG) Number	: 171
IMDG	
Special provision (IMDG)	: 274, 335, 375, 969
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: LP01, P001
Packing provisions (IMDG)	: PP1
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP1, TP29
EmS-No. (Fire)	: F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE
EmS-No. (Spillage)	: S-F - SPILLAGE SCHEDULE Foxtrot - WATER-SOLUBLE MARINE POLLUTANTS
Stowage category (IMDG)	: A
IATA	
Special provision (IATA)	: A97, A158, A197, A215
PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y964
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 964
PCA max net quantity (IATA)	: 450L
CAO packing instructions (IATA)	: 964
CAO max net quantity (IATA)	: 450L

Ink

Safety Data Sheet

according to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations

ERG code (IATA)

: 9L

SECTION 15 Regulatory information

15.1. Federal regulations

Ink

SARA Section 311/312 Hazard Classes	Health hazard - Reproductive toxicity Health hazard - Serious eye damage or eye irritation
-------------------------------------	---

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

Name	CAS-No.	Listing	Commercial status	Flags
Water	7732-18-5	Present	Active	XU
Glycerol	56-81-5	Present	Active	
2-Phenoxyethanol	122-99-6	Present	Active	
C.I. acid blue 093	28983-56-4	Present	Active	
Basic Yellow 51	83949-75-1	Present	Active	
C.I. basic yellow 028	54060-92-3	Present	Active	
2-[2-[4-[(2-Chloroethyl)methylamino]phenyl]ethenyl]-1,3,3-trimethyl-3H-indolium chloride	3648-36-0	Present	Active	
C.I. basic red 014	12217-48-0	Present	Active	
[4-[α -[4-(Dimethyl amino)phenyl]benzylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride	569-64-2	Present	Active	
Sodium sulfite	7757-83-7	Present	Active	

[4-[α -[4-(Dimethyl amino)phenyl]benzylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (569-64-2)

Subject to reporting requirements of United States SARA Section 313

15.2. International regulations

CANADA

Water (7732-18-5)

Listed on the Canadian DSL (Domestic Substances List)

Glycerol (56-81-5)

Listed on the Canadian DSL (Domestic Substances List)

2-Phenoxyethanol (122-99-6)

Listed on the Canadian DSL (Domestic Substances List)

C.I. acid blue 093 (28983-56-4)

Listed on the Canadian NDSL (Non-Domestic Substances List)

Ink

Safety Data Sheet

according to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations

Basic Yellow 51 (83949-75-1)

Listed on the Canadian NDSL (Non-Domestic Substances List)

C.I. basic yellow 028 (54060-92-3)

Listed on the Canadian DSL (Domestic Substances List)

2-[2-[4-[(2-Chloroethyl)methylamino]phenyl]ethenyl]-1,3,3-trimethyl-3H-indolium chloride (3648-36-0)

Listed on the Canadian DSL (Domestic Substances List)

C.I. basic red 014 (12217-48-0)

Listed on the Canadian DSL (Domestic Substances List)

[4-[α -[4-(Dimethyl amino)phenyl]benzylidene] cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (569-64-2)

Listed on the Canadian DSL (Domestic Substances List)

Sodium sulfite (7757-83-7)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

Water (7732-18-5)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Glycerol (56-81-5)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

2-Phenoxyethanol (122-99-6)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

C.I. basic yellow 028 (54060-92-3)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

[4-[α -[4-(Dimethyl amino)phenyl]benzylidene] cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (569-64-2)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Sodium sulfite (7757-83-7)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

15.3. State regulations

No additional information available

Ink

Safety Data Sheet

according to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations

SECTION 16 Other information

according to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations

Revision date : 9/22/2025

Issue date : 9/22/2025

Full text of hazard classes and H-statements	
H301	Toxic if swallowed
H302	Harmful if swallowed
H312	Harmful in contact with skin
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H330	Fatal if inhaled
H335	May cause respiratory irritation
H361	Suspected of damaging fertility or the unborn child

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

Author: Hangzhou C&K Testing Technic Co., Ltd. Website: www.cirs-ck.com Tel: 0571-89906715 Email: test@cirs-group.com

