EPSON
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Safety Data Sheet

1. Identification

GHS Product identifier

Mixture identification:

Trade name: INK CARTRIDGE,Y,700 T6394

Trade code: T6394

Recommended use of the chemical and restrictions on use

Recommended use:

Ink for inkjet printing

Supplier's details

Supplier in Australia:

EPSON Australia Pty Limited
Level1, 3 Talavera Road Macquarie Park NSW 2113, Australia
(02) 8899 3666 www.epson.com.au

Supplier in New Zealand:

EPSON New Zealand Pty Limited
7-9 Fanshawe Street, Auckland 1010, New Zealand
(09) 366 6855 www.epson.co.nz

Date: 15/12/2022

Revision: 2.0

Emergency phone number

Australia (02) 8899 3666 (Mon-Fri, 9AM-5PM, AEST)

New Zealand (09) 366 6855 (Mon-Fri, 9AM-5PM, NZST)

2. Hazard identification

Classification of the Hazardous chemical

The product is not classified as dangerous according to GHS - Seventh revised edition.

GHS label elements, including precautionary statements

The product is not classified as dangerous according to GHS - Seventh revised edition.

Hazard pictograms:

None

Hazard statements:

None

Precautionary statements:

None

Special Provisions:

None

Other hazards which do not result in a classification

No other hazards

3. Composition/information on ingredients

Substances

No

Mixtures

Hazardous components within the meaning of GHS and related classification:

Qty	Name	Ident. Number	Classification
65% ~ 80%	Water	CAS: 7732-18-5 EC: 231-791-2	The product is not classified as dangerous according to GHS - Seventh revised edition.
0.1% ~ 0.25%	2,4,7,9-tetramethyldec-5-yne-4,7-diol	CAS: 126-86-3 EC: 204-809-1 REACH No.: 01-21199543 90-39	 3.3/1 Eye Dam. 1 H318  3.4.2/1B Skin Sens. 1B H317 4.1/C3 Aquatic Chronic 3 H412

4. First-aid measures

Description of necessary first-aid measures

In case of skin contact:
Wash with plenty of water and soap.
In case of eyes contact:
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
In case of Ingestion:
Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.
In case of Inhalation:
Remove casualty to fresh air and keep warm and at rest.
Symptoms caused by exposure
None
Medical attention and special treatment
Treatment:
None

5. Fire-fighting measures

Suitable extinguishing media
Water.
Carbon dioxide (CO2).
Unsuitable extinguishing media:
None in particular.
Specific hazards arising from the chemical
Do not inhale explosion and combustion gases.
Burning produces heavy smoke.
Hazardous combustion products:
None

Explosive properties:	No data available
Oxidizing properties:	No data available

Special protective equipment and precautions for fire-fighters
Use suitable breathing apparatus .
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Move undamaged containers from immediate hazard area if it can be done safely.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures
Wear personal protection equipment.
Remove persons to safety.
See protective measures under point 7 and 8.
Environmental precautions
Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
Retain contaminated washing water and dispose it.
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.
Suitable material for taking up: absorbing material, organic, sand
Methods and material for containment and cleaning up
Wash with plenty of water.

7. Handling and storage

Precautions for safe handling
Avoid contact with skin and eyes, inhalation of vapours and mists.
See also section 8 for recommended protective equipment.
Advice on general occupational hygiene:
Do not eat or drink while working.
Conditions for safe storage, including any incompatibilities
Keep away from food, drink and feed.

Incompatible materials:
None in particular.
Instructions as regards storage premises:
Adequately ventilated premises.

8. Exposure controls/personal protection

Control parameters – exposure standards, biological monitoring
No occupational exposure limit available
DNEL Exposure Limit Values
No data available
PNEC Exposure Limit Values
2,4,7,9-tetramethyldec-5-yne-4,7-diol - CAS: 126-86-3
Target: Fresh Water - Value: 0.04 mg/l
Target: Marine water - Value: 0.004 mg/l
Target: Freshwater sediments - Value: 0.32 mg/kg
Target: Marine water sediments - Value: 0.032 mg/kg
Appropriate engineering controls
None
Individual protection measures, such as personal protective equipment (PPE)
Eye protection:
Use personal protective equipment as required.
Protection for skin:
Use personal protective equipment as required.
Protection for hands:
Use personal protective equipment as required.
Respiratory protection:
Use personal protective equipment as required.
Thermal Hazards:
None

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Yellow
Odour:	Slightly
Melting point / freezing point:	-15.9 °C
Boiling point or initial boiling point and boiling range:	No data available
Flammability:	Non-flammable
Lower and upper explosion limit:	No data available
Flash point:	Does not flash until 96 °C / 205 ° F (closed cup method, ASTM D 3278)
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
pH:	8 ~ 9.2 at 20 °C
Kinematic viscosity:	< 5 mm2/s at 20 °C
Solubility in water:	Complete
Vapour pressure:	No data available
Density and/or relative density:	1.039 at 20 °C Specific gravity (relative density)
Relative vapour density:	No data available
Particle characteristics:	Not Relevant

Other information
No other relevant information

10. Stability and reactivity

Reactivity
Stable under normal conditions
Chemical stability
Stable under normal conditions
Possibility of hazardous reactions
None
Conditions to avoid
Stable under normal conditions.
Incompatible materials
None in particular.
Hazardous decomposition products
None.

11. Toxicological information

Toxicological information of the product:
f) carcinogenicity:
Does not contain carcinogens (Ref. 1)
g) reproductive toxicity:
Does not contain reproductive toxicity and developmental toxic substances (Ref. 2)
Toxicological information of the main substances found in the product:
2,4,7,9-tetramethyldec-5-yne-4,7-diol - CAS: 126-86-3
a) acute toxicity:
Test: LD50 - Route: Dermal - Species: Rat > 2000 mg/kg
b) skin corrosion/irritation:
Test: Skin Irritant - Species: Rabbit Mild irritant
c) serious eye damage/irritation:
Test: Eye Irritant - Species: Rabbit Highly irritating
d) respiratory or skin sensitisation:
Test: Skin Sensitisation - Route: LLNA - Species: Mouse Sensitiser
e) germ cell mutagenicity:
Test: Mutagenesis - Species: Salmonella Typhimurium Negative

If not differently specified, the information listed below must be considered as N.A.::
a) acute toxicity;
b) skin corrosion/irritation;
c) serious eye damage/irritation;
d) respiratory or skin sensitisation;
e) germ cell mutagenicity;
f) carcinogenicity;
g) reproductive toxicity;
h) STOT-single exposure;
i) STOT-repeated exposure;
j) aspiration hazard.

12. Ecological information

Ecotoxicity
Adopt good working practices, so that the product is not released into the environment.
Toxicological information of the product:
No data available
Toxicological information of the main substances found in the product:
2,4,7,9-tetramethyldec-5-yne-4,7-diol - CAS: 126-86-3
a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish = 36 mg/l - Duration h: 96
Endpoint: EC50 - Species: Daphnia = 88 mg/l - Duration h: 48
Endpoint: EC50 - Species: Algae = 15 mg/l - Duration h: 72
c) Bacteria toxicity:
Endpoint: EC50 - Species: activated sludge = 630 mg/l - Duration h: 0.5

Persistence and degradability
No data available
Bioaccumulative potential
No data available
Mobility in soil
No data available
Other adverse effects
None

13. Disposal considerations

Disposal methods
Recover if possible. In so doing, comply with the local and national regulations currently in force.

14. Transport information

UN number
Not classified as dangerous in the meaning of transport regulations.
UN proper shipping name
No data available
Transport hazard class(es)
No data available
Packing group, if applicable
No data available
Environmental hazards
No data available
Special precautions for user
No data available
Additional Information
No data available

15. Regulatory information

Safety, health and environmental regulations specific for the product in question
This Safety Data Sheet has been prepared according to the Australian Work Health and Safety (WHS) act and the Code of Practice on preparation of safety data sheets for Hazardous Chemicals
Australia Information:
Statement of Hazardous Nature:
the Industrial Chemicals (Notification and Assessment) Act 1989 (Cwlth), including listing on the Australian Inventory of Chemical Substances (AICS), any condition of use associated with the listing on the AICS and/or whether any chemical or a chemical in the product is being introduced under a permit.
New Zealand Information:
Hazardous Substances and New Organisms Act 2020:
Not regulated

16. Other information

Full text of phrases referred to in Section 3:
H318 Causes serious eye damage.
H317 May cause an allergic skin reaction.
H412 Harmful to aquatic life with long lasting effects.

Safety Data Sheet dated December 15, 2022, Revision: 2.0
Paragraphs modified from the previous revision:

1. Identification
2. Hazard identification

3. Composition/information on ingredients
4. First-aid measures
5. Fire-fighting measures
6. Accidental release measures
7. Handling and storage
8. Exposure controls/personal protection
9. Physical and chemical properties
10. Stability and reactivity
11. Toxicological information
12. Ecological information
13. Disposal considerations
14. Transport information
15. Regulatory information
16. Other information

This document was prepared by a competent person who has received appropriate training.
Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

Ref. 1 ·IARC Monographs on the Evaluation Carcinogenic Risks to Humans (IARC: International Agency for Research on Cancer)
·Journal of Occupational Health (JOH) (Japan Society of Occupational Health (JSOH))
·TLVs and BEIs (ACGIH: American Conference of Governmental Industrial Hygienists)
·IRIS Carcinogenic Assessment (IRIS: Integrated Risk Information System of US EPA)
·National Toxicology Program (NTP) Report on Carcinogens (USA)
·Annex VI of REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
·MAK und BAT Werte Liste (DFG: German Research Foundation)
·TRGS 905, Verzeichnis krebserzeugender, keimzell mutagener oder reproduktionstoxischer Stoffe (AGS: Committee on Hazardous Substances, Germany)

Ref. 2 ·Annex VI of REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
·TRGS 905, Verzeichnis krebserzeugender, keimzell mutagener oder reproduktionstoxischer Stoffe (AGS: Committee on Hazardous Substances, Germany)

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.
It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.
This Safety Data Sheet cancels and replaces any preceding release.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE:	Acute Toxicity Estimate
ATEmix:	Acute toxicity Estimate (Mixtures)
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.

GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
WGK:	German Water Hazard Class.
SUSMP:	SUSMP: Standard for the Uniform Scheduling of Medicines and Poisons