

Material Safety Data Sheet

Version: 1.1

Date of Print: 29.06.2023

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers

Product Name CC500S Sublimation Ink, Cyan, Yellow, Magenta, Black
 Black Types Mixture
 Reach Registration No. The product is a mixture under the definition of REACH

1.2 Relevant identified uses

Inkjet Textile Printing

Uses advised against

This product is designed for industrial use only. Do not use for any purpose other than the identified uses.

1.3 Details of the supplier of the safety data sheet

Company ColorJet India Limited
 B-195, Phase II, Noida
 U.P.-201305
 Telephone +91 120-4548195
 Email Address info@colorjetgroup.com

1.4 Emergency telephone number

Emergency telephone No. +91 120-4548195

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Acute Tox.4; H302

Eye Irrit. 2; H319

STOT, RE 2; H373

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008 [CLP]

Pictogram



Signal word

Warning

Hazard Statements

H302

Harmful if swallowed.

H319

Causes serious eye irritation

H373

May cause damage to kidneys through prolonged or repeated exposure if swallowed

Precautionary statement(s)

P301 + P312 + P330

IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. Rinse mouth.

P305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3 Other hazards

None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	EC No.	Index No.	Reach Reg. No.	wt %	GHS Classification	EU R-Phrase
Proprietary Disperse Dye	-	-	-	-	2-5 %	None	None
Proprietary Dispersant	-	-	-	-	0-4 %	Eye Irrit. 2; H319	Xi, R36

Material Safety Data Sheet

Glycerol	51-86-5	200-289-51	15-40 %	STOT, RE 2; H373	Xn, R22
Proprietary Surfactant	-	-	0-3%	None	None
Water	7732-18-5	215-185-5	Balance	None	None

FIRST AID MEASURES

4. Description of first aid measures

4.1 General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most important symptoms and effects, both acute and delayed

4.2 The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

Indication of immediate medical attention and special treatment needed

4.3 None

FIRE-FIGHTING MEASURES

5. Extinguishing media

5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture

5.2 Sulfur oxides (SO_x), Carbon oxides, nitrogen oxides (NO_x).

Precautions for fire-fighters

5.3 Wear self-contained breathing apparatus for firefighting if necessary.

Further information

5.4 None

ACCIDENTAL RELEASE MEASURES

6. Personal precautions, protective equipment and emergency procedures

6.1 Wear personal protection equipment (see section 8). Avoid contact with eyes and skin.

Environmental precautions

6.2 Do not let product enter drains.

Methods and materials for containment and cleaning up

6.3 Soak up with inert absorbent material. Keep in suitable, closed containers for disposal. Contain larger amounts and pump up into suitable containers.

Reference to other sections

6.4 For disposal see section 13.

HANDLING AND STORAGE

7. Precautions for safe handling

7.1 Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

For precautions see section 2.2.

Conditions for safe storage, including any incompatibilities

Do not store the product in a higher than 25°C or freezing temperatures. Keep ink bottle out of direct sunlight.

Keep away from incompatible substances (See Section 10)

7.2 Specific end uses

7.3 no data available

EXPOSURE CONTROLS/PERSONAL PROTECTION

Material Safety Data Sheet

8. Control parameters

8.1 Components with workplace control parameters

INGREDIENTS	ACGIH TLV	OSHA PEL	EU ILV	DFG MAK
Glycerol	10 mg/m ³ Ceiling (Aerosol)	Not established	Not established	Not established

Exposure controls

8.2 Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection

Splash goggles should be worn.

Skin protection

Impervious gloves should be worn.

Body Protection

Not required under normal conditions.

Respiratory protection

Not required under normal conditions.

Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

PHYSICAL AND CHEMICAL PROPERTIES

9. Information on basic physical and chemical properties

Appearance	: Black liquid
Odour	: Slight characteristic odor
pH	: 7-9 (25 °C)
Melting/freezing point	: < 0 °C
Boiling point	: 100 °C @ 101.3 kPa
Flash point	: > 120 °C (closed cup)
Evaporation rate	: no data available
Flammability (solid, gas)	: no data available
Upper explosion limit	: no data available
Lower explosion limit	: no data available
Vapour pressure	: no data available
Vapour density	: no data available
Relative density	: 1.10-1.15 g/ml @ 25 °C
Water solubility	: not soluble
Autoignition temperature	: no data available
Decomposition temperature	: no data available
Viscosity	: 5.5-7 cps (25 °C)
Explosive properties	: no data available
Oxidizing properties	: no data available

Other safety information

9.2 no data available

STABILITY AND REACTIVITY

10. Reactivity

10.1 No data available

Chemical stability

10.2 Stable under recommended storage conditions.

Possibility of hazardous reactions

10.3 no data available

Conditions to avoid

10.4 High temperature and sun light.

Incompatible materials

10.5 Strong acids, Strong oxidizing agents, Strong bases

Material Safety Data Sheet

- 10.6 Hazardous decomposition products**
Carbon oxides, sulfur oxides, nitrogen oxides.

TOXICOLOGICAL INFORMATION

- 11. Route of exposure**
11.1 Eye, skin, inhalation, and oral
Signs and symptoms of overexposure
11.2 May be harmful if swallowed. May cause eye and mucous membrane irritation. May cause slight skin irritation.
Information on toxicological effects
11.3 **Product**
LD50 Oral - rat - > 4000 mg/kg
Skin corrosion/irritation
Skin - Rabbit
Result: No skin irritation
Serious eye damage/eye irritation
Eyes - Rabbit
Result: Mild eye irritation - 24 h
Respiratory or skin sensitisation
No data available
Germ cell mutagenicity
No data available
Carcinogenicity
This product is or contains a component that is probably not carcinogenic based on its IARC, ACGIH, NTP, or EPA classification.
Reproductive toxicity
Overexposure may cause reproductive disorder(s) based on tests with laboratory animals.
Specific target organ toxicity - single exposure
No data available
Specific target organ toxicity - repeated exposure
Oral - May cause damage to organs through prolonged or repeated exposure. - Kidney
Aspiration hazard
No data available
Additional Information
No data available

ECOLOGICAL INFORMATION

- 12. Toxicity**
12.1
- | Ingredients | Toxicity target | Result |
|-------------|---|---|
| Glycerol | fish | LC50 - Pimephales promelas (fathead minnow) – 12,600 mg/Kg
LC50 - Carassius auratus (goldfish) - 5.000 mg/l - 24 h |
| | daphnia and other aquatic invertebrates | EC50 - Daphnia magna (Water flea) - > 10.000 mg/l - 24 h (DIN 38412) |
- Persistence and degradability**
12.2 no data available
Bioaccumulative potential
12.3 Does not bioaccumulate.
Mobility in soil
12.4 no data available
Results of PBT and vPvB assessment
12.5 no data available
Other adverse effects
12.6 no data available

DISPOSAL CONSIDERATIONS

- 13. Waste treatment methods**
13.1 **Product**

Material Safety Data Sheet

Dispose of in accordance with local regulations.

Contaminated packaging

Dispose of in accordance with local regulations.

TRANSPORT INFORMATION

14.						ADR/RID
	UN No.	-	-	-		
14.1	UN proper shipping name	-	Not dangerous goods			
14.2	Transport hazard class	-				
14.3	Packaging group	-	-	-		
14.4	Environmental hazards					
14.5	Hazardous to the environment: no					
	Marine Pollutant (IMDG): no					
	Further information					
14.6						

REGULATORY INFORMATION

- 15.** This safety data sheet complies with the requirements of Regulation (EC) No 1907/2006 and 1272/2008.
Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1 Status

The mixture is non-dangerous in accordance with Directive 1999/45/EC.

OTHER INFORMATION

- 16.** Disclaimer: The information provided on this Safety Data Sheet is designed only as a guide for safe handling, use, processing, storage, transportation, and disposal, and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.