

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: - SUBLIMATION INK FOR EPSON

REVISION DATE: 02nd Dec 2022

SECTION I - PRODUCT/COMPANY IDENTIFICATION

Generic Product Name : SUBLIMATION INK FOR EPSON PRINTER
(Cyan, Magenta, Yellow, Grey, Black)

Product Compatibility : For use with Epson Printers

Product Name : C-CER-SP-SUB-EP-800

SSS

Company Name: Splashjet® Inkjet Ink Private Limited

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E-mail: info@splashjet-ink.com

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SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS
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Chemical Name : Water-based Inkjet Ink

Prod Code : Sublimation Ink for Epson Print Head

Hazardous Ingredient : Does Not Contain

Composition:-

SR NO	INGREDIENT	%	CAS NO.	EC NUMBER
1	MEG	5 - 10	107-21-1	203-473-3
2	Glycerol	5 - 10	56-81-5	200-289-5
3	Disperse Dye	1 - 5	Proprietary	Proprietary
4	Water	55-85	7732-18-5	231-791-2
5	1,2-benzisothiazol-3(2H)-one	<0.01	2634-33-5	220-120-9
6	2-Methylisothiazol-3(2H)-one	<0.01	2682-20-4	220-239-6

SECTION III - HAZARD IDENTIFICATION
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Emergency Overview: Water based liquid which may cause irritation.

Eye: Contact with eyes could result in mild irritation. Upon contact with eyes, immediately flush with water for at least 15 minutes. If the irritation persists, advised to get in touch with medical team. ss



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Skin: Repeated exposure may cause irritation, redness, even a burn. It may cause more severe response on covered skin (under clothing, gloves).

Ingestion: Moderate toxicity if swallowed. Small amounts swallowed incidental to normal handling operations are not likely to cause injury; however, swallowing larger amounts may cause injury. All food should be kept in separate areas from those where the ink is stored or used. Eating, drinking or smoking should be prohibited from these areas.

Inhalation: If use conditions generate vapor in areas where adequate ventilation is not available.

SECTION IV - FIRST AID MEASURES

Eyes: Flush eyes thoroughly with copious amounts of water for at least 15 minutes. Consult a physician.

Skin: Wash off with soap in flowing water or shower. If symptoms occur, consult a physician. Skin contact should be prevented through the use of protective clothing.

Ingestion: If swallowed, seek medical attention. Do not induce vomiting unless directed to do so by medical personnel.

Inhalation: Remove to fresh air if effects occur. Consult a physician if breathing is difficult.

Toxicity Information: No specific account of chronic toxicity studies is available.

Effects of Overexposure: Eye contact may result in irritation of the eyes. Low order of toxicity on single gross contact. No experimental exposures or repeated doses of long duration have been performed on this product.

Note to Physician: No specific antidote. Supportive care. Treatment based on judgment of the physician in response to reactions of the patient.

SECTION V - FIRE FIGHTING MEASURES

Flammability: Not Established

Means of extinction: Water spray, dry chemicals, carbon dioxide

Flash point: Not detected until 212°F/100 °C (closed Cup, ASTM/D3278) (This ink is not flammable)

Upper flammable limit: Not Established

Lower flammable limit: Not Established

Explosion data impact: Not Established

Explosion data static: Not Established

Fire Fighting Instructions: Fire fighters should wear SCBA for fighting fires in enclosed areas.

Auto-ignition temp: Not Established

SECTION VI - ACCIDENTAL RELEASE MEASURES

Health Precautions: Avoid unnecessary contact and reference the health effects in section III.

Spill Procedures: All personnel involved with spill cleanup should follow good industrial hygiene. Wear protective clothing and eye protection to prevent skin and eye contact. Contain spilled material immediately with an inert substance such as sand, granulated clay or earth. Use plastic or aluminum shovel to transfer waste material into an appropriate container for disposal. Store inks in appropriate sealed container for proper disposal. Disposal should be made in accordance with all applicable state, local and federal regulations.

SECTION VII - HANDLING AND STORAGE

Handling: Avoid unnecessary exposure through the use of appropriate clothing and equipment. This product is mildly irritating. Adequate ventilation must be furnished to maintain exposure limits. Wash thoroughly after handling.

Storage: Store closed container in a moderately cool (10° C to 30° C), dry well-ventilated area away from heat and sources of ignition. Keep out of reach of children and do not drink.

Cleaning: Pick up with absorbent material. Wash off with plenty of water.

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SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Good general ventilation should be sufficient for most conditions.

Personal Protective Equipment: Eye/Face - Use safety glasses.

Skin - Usually not a skin hazard, however use of gloves is helpful in avoiding unnecessary skin contact. Thoroughly wash hands after handling material and before eating and drinking.

Respiratory - NIOSH-approved vapor respirator is recommended with handling in areas where adequate ventilation is not available.

Exposure Limits: None established.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

SR. NO	APPEARANCE	SUBLIMATION INK FOR EPSON PRINT HEAD
1	Physical state	Liquid.
2	Form	Not available
3	Color	Cyan, Magenta, Yellow, Grey, Black
4	Odor	Not available
5	Odor threshold	Not available
6	pH	7.5 - 8.2
7	Melting point/freezing point	Not available
8	Initial boiling point and boiling range	Not determined
9	Flash point	> 230.0 °F (> 110.0 °C) Seta flash Closed Cup
10	Evaporation rate	Not determined
11	Flammability (solid, gas)	Not available
12	Upper/lower flammability or explosive limits	Not available
13	Explosive limit - lower (%)	Not available
14	Explosive limit - upper (%)	Not available
15	Vapor pressure	Not determined
16	Vapor density	>= 1 (air = 1.0)
17	Solubility (water)	Soluble in water
18	Auto-ignition temperature	Not available
19	Decomposition temperature	Not available
20	Viscosity	>= 2 cp
21	Oxidizing properties	Not determined

SECTION X - STABILITY AND REACTIVITY

General: Stable under recommended storage conditions.

Conditions to Avoid: Heat, sparks, electrical equipment and open flames.

Incompatibility with Other Materials: Avoid contact with oxidizing and explosive materials.

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: None.

SECTION XI - TOXICOLOGICAL INFORMATION

Routes Of Overexposure: Eye, skin, inhalation, and oral

Chronic Health Hazards: None Known

Carcinogenicity: None Known

SECTION XII - ECOLOGICAL INFORMATION

Environmental Hazards: No Data available

Persistence and Degradation: No Data

Toxicity: Non Toxic

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SECTION XIII - DISPOSAL CONSIDERATIONS

Disposal: All disposal methods must be in compliance with all Federal, State and Local laws and regulations.

SECTION XIV - TRANSPORT INFORMATION

Product Label: Printing Ink

Shipping Name: NA

Technical Shipping Name: NA

Do not eat or drink ink

Keep ink in normal Temperature

Keep away from direct Sun Shine. Keep separate from food.

Not classified as hazardous under transport regulations

Not regulated under DOT, IMO, or IATA as hazardous material.

SECTION XV - REGULATORY INFORMATION

U.S. Regulations

Federal Regulations: TSCA Inventory Status - All components of this product are listed, or exempt from listing, on the TSCA 8(b) chemical inventory.

State Regulations: This product does contain substances known to the state of California to cause cancer, birth defects or other reproductive harm.

European Union Regulations

EU Inventory Status - All components of this product are listed, or are exempt from listing, on the EINECS chemical inventory.

Transport Information - This product is not classified as dangerous within the meaning of transport regulations.

Labeling - This product does not need to be labeled in accordance with EC-Directive 1999/45/EC.

SECTION XVI - OTHER INFORMATION

FDA Status: This product, when used in food packaging, is permitted for INDIRECT PRINTING only. A barrier must exist between printing and food. This product HAS NOT been evaluated by the FDA.

NOTE:

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2. The information contained herein is based on data considered accurate and is presented in good faith.
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***Under Standard Temperature*

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