

Material Safety Data Sheet

Section 1: Chemical Product and Company Identification:**Company Details:**

Address:	Emergency Telephone Numbers:
Innovation and Technology Center, Mellat Blv, Shahid Kasaei Fwy. Tabriz, Iran	(+98) 933 352 9599

Product Supplier: Borna Chemie Arya**Product Details:**

Product Name:	Chemical Name:	Product Use:	Product Code:
Sublina Y/C/LC/M/LM/BK	Sublimation inkjet ink	Printing ink	-

Section 2: Hazards Identification Summary:

(As defined by relevant local authority standard)

Health Hazards: Not classified as a health hazard. Non-hazardous substance and non-dangerous good. Avoid prolonged contact with eyes.**Physical Hazards:** Not classified for physical hazards.**Environmental Hazards:** Not classified for hazards to the environment.**Section 3: Composition, Information of Ingredients:****Summary:**

Component:	Percentage (%):	CAS Number:
Colorants	5	Variable
propane-1,2,3-triol	15	56-81-5
ethane-1,2-diol	10	107-21-1
Dispersant, surfactant	4	Variable
Water	55	7732-18-5

Section 4: First Aid Measures:

First Aid responders should use the protective equipment listed in Section 8 if there is a potential for exposure to product.

If swallowed: Rinse mouth thoroughly with water.
Drink two glasses of water to dilute.
Get medical attention immediately.
Do NOT induce vomiting.
Be prepared to provide the attending physician a copy of this document.

If on skin or clothing: Wash skin with soap and water.
Remove severely contaminated clothing and clean before reuse.
Seek medical attention in the unlikely event that irritation occurs.

If in eyes: Remove contact lenses before irrigating.
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Consult a physician if necessary.

If inhaled: Keep at rest.
Move to fresh air.
Consult a physician if necessary.

Notes to doctor/physician: There is no specific antidote.
Treatment of overexposure should be directed at control of symptoms and the clinical condition.

Section 5: Fire Fighting Measures:

National Fire Protection Rating (NFPA)

Health:	Flammability:	Reactivity:
1	0	0

Legend: 4 = Severe | 3 = Serious | 2 = Moderate | 1 = Slight | 0 = Minimal

Flashpoint: NA

Extinguishing Media: Foam, water spray, CO2, Dry Chemicals

Fire and explosion hazard: Not classed as flammable.

Fire fighting instructions and equipment: A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

Section 6: Accidental Release Measures:

In case of spills or leaks: Prevent further leakage or spillage if safe to do so. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Dispose of in accordance with local regulations. Soap and water may be used as necessary.

Section 7:**Handling and Storage:****Handling:**

Keep containers tightly closed. Handle in well-ventilated areas. Avoid eye and skin contact. Smoking, eating and drinking should be prohibited in areas of storage and use. Always keep in containers made of same material as the supply container. Wash hands before breaks and immediately after handling the product. When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use. Store in original container protected from direct sunlight in a dry and cool area. Do not let freeze.

Section 8:**Exposure Controls, Personal Protection:****Exposure limits:**

NA

Engineering controls:

Not required under normal use.

Personal protective equipment:

The selection of specific gloves for a specific application and time of use in a working area, should also take into account other factors on the working space, such as (but not limited to): other chemicals that are possibly used, physical requirements (protection against cutting/drilling, skill, thermal protection), and the instructions/specification of the supplier of gloves.

Section 9:**Physical and Chemical Properties:****Summary:**

Property:	Details:
Appearance:	Color liquid
Odor:	Odorless
pH:	7.5-9
Melting Point:	< 0 C
Boiling Point:	> 100 C
Flash Point:	NA
Evaporation Rate:	None
Flammability:	Non-flammable
Flammability Limits:	None
Vapor Pressure:	NA
Vapor Density:	NA
Density:	1 - 1.1
Solubility:	Miscible in water
Partition Coefficient:	None
Auto-Ignition Temperature:	NA
Decomposition Temperature:	NA
Viscosity:	< 15 cP

Section 10: Stability and Reactivity:

Product Reactivity:	There are no known reactivity hazards associated with this product.
Chemical Stability:	This product is stable under the recommended storage and handling conditions (see section 7).
Hazardous Polymerisation:	Polymerization will not occur.
Conditions to Avoid:	Avoid Freezing and excessive temperature.
Incompatible Materials:	Strong acid, base, oxidizing agents, metallic oxide, peroxides, reducing agents, halogen, inflammables, mineral salt.
Hazardous Decomposition Products:	Heating may generate the following products: Carbon dioxide (CO ₂). Carbon monoxide (CO).

Section 11: Toxicological Information:**Acute Toxicity:**

Column1	Column2
Oral LD ₅₀ (rat)	No data available.
Dermal LD ₅₀ (rat)	No data available.
Inhalation LC ₅₀ (rat)	No data available.
Eye Irritation (rabbit)	It can be absorbed through skin.
Skin Irritation (rabbit)	Long term exposure can create irritation.
Sensitization (guinea pig)	No data available.

Carcinogen Status:

Column1	Column2
OSHA:	Not carcinogen
NTP:	Not carcinogen
IARC:	Not carcinogen

Tetratogenicity: No data available.**Mutagenicity:** No data available.**Section 12: Ecological Information:****Environmental Summary:** Little or no danger to environment.**FATE:** No data available.**Fish Toxicity:** No data available.**Avian Toxicity:** No data available.**Bee Toxicity:** No data available.

Section 13:**Disposal Considerations:****Waste:**

The product may be disposed under controlled incineration and in agreement with local and national regulation.

Container:

Recover if possible. If recycling is not practicable, dispose of in compliance with local regulations.

Section 14:**Transport Information:****Table name**

Criteria:	Requirement:
Shipping Description:	NA
Transport Hazard Class:	NA
UN Number:	NA
DOT Packing Group:	NA

Section 15:**Regulatory Information:****Cercla Reportable Quantity:**

NA

Hazard Categories:

This product is not regulated. This material is not hazardous
