

Product Name: DYNAPRINT Ink Reducer**1. PRODUCT & COMPANY IDENTIFICATION :**

- 1.1. **Product Name** : **DYNAPRINT Ink Reducer**
1.2. **Product Usage** : Phthalate free thinner for textile printing base

1.3. Details of the supplier of the safety data sheet :

Supplier Name : NBC Meshtec Americas Inc.
Address : 512 Kingsland Drive
Batavia, IL 60510 USA
Website : nbcmeshtec.com
Email : info@nbcmeshtec.com
Phone : 1 (800) 235-5056
Fax : 1 (630) 293-5647

1.4. Emergency Phone Contact :

24/7 Emergency Line: 1 (800) 535-5053 Infotrac United States and Canada
+1 (352) 323-3500 Infotrac International (Call collect)

2. HAZARDS IDENTIFICATION :**2.1. Classification of Substance and Mixture :**

Physical Hazards : The product is not classified as harmful.

Health Hazards : May cause irritation by skin contact. May cause an allergic skin and/or eye reaction. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If victim does not feel well, immediately call the 24/7 Emergency Line listed in Section 1.4. Seek medical attention immediately. Use suitable protective clothing, gloves, and eye/face protection. Keep out of the reach of children and under lock and key.

Environmental Hazards : Do not empty into drains. Dispose of contents/container in accordance with all applicable Federal, State, and local regulations.

2.2. Label Elements:

Labelling According to Regulation (EC) No 1272/2008 :

Harmfulness Statements : See Section 16.

Precautionary Statements : EUH210 safety data sheet can be provided on request.

Pictogram : N/A

2.3. Other Hazards : N/A

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Component	CAS No	EC No	Concentration (%)	Classification	Labeling
Propylene glycol	57-55-6	200-338-0	35-40%	Skin irritation. Cat 3 Eye irritation. Cat 2B NFPA 704	H316 H320, P101, P305+P351+P338
Other (non-hazardous, etc.)	--	-	1-6 %	--	--

4. FIRST AID MEASURES :

Inhalation : Get victim to fresh air. Give artificial respiration or oxygen if breathing has stopped. Get prompt medical attention. Do not give fluids if victim is unconscious. If victim does not feel well, immediately call the 24/7 Emergency Line listed in Section 1.4. Seek medical attention immediately.

Contact with Eyes : Immediately flush eyes with large amounts of water for at least 15 minutes, holding eyelids apart to ensure flushing of the entire eye surface. Washing eyes within 1 minute is essential to achieve maximum effectiveness. Seek medical attention immediately.

Contact with Skin : Immediately flush skin with plenty of water while removing contaminated clothing. Wash contaminated clothing before reuse. If redness or irritation occurs, seek medical attention.

Ingestion : Harmful if swallowed. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If vomiting occurs, lay victim on side in recovery position to open the airway and prevent aspiration. Immediately consult a doctor, keeping the product label handy for reference (if possible).

5. FIRE FIGHTING MEASURES :

Extinguishers : Dry powder, carbon dioxide, alcohol-resistant foam. Avoid contact with water.

Special Hazards Arising from the Substance or Mixture : Carbon oxides, nitrogen oxide

Extinguishing Media : If necessary, follow emergency plan and evacuate staff from affected area.

Special Fire Fighting Equipment : Use gas mask for respiration, leakproof chemical goggles against splashing, fireproof gloves, boots, and flame-resistant clothing.

6. ACCIDENTAL RELEASE MEASURES :

Personal Precautions : Wear protective equipment. Immediately ventilate the contaminated area. Unprotected persons must move away from the contaminated area.

Environmental Precautions : If there is spillage, use a general-purpose absorbent/chemical kit to absorb the spilled material. Do not empty into drains and keep from contaminating other chemicals. Wash the contaminated area. Inform applicable authorities immediately.

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Cleaning Methods : If possible, use a chemical kit appropriate for the ingredients of this product. If no general-purpose absorbent / chemical kit is available, absorb with suitable material and dispose of appropriately. Do not clean with water.

7. HANDLING AND STORAGE :

Precautions for Safe Handling: Avoid spilling. Do not inhale. Avoid contact with eyes and skin.

Usage : Wash skin/hands with plenty of water after each use, especially if skin or eyes come into direct contact with chemical. (See Section 4) If needed, follow emergency plan and evacuate staff from affected area. No smoking.

Storage : This material and its container must be disposed of as hazardous waste. Keep container in a dry, cool, well-ventilated place with original packaging. Take precautionary measures against static discharges. No smoking. Product must be stored in accordance with all applicable Federal, State, and local laws. Attention should be paid to warnings given on the label.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION :

Occupational Exposure Controls / Personal Protection:

Propylene Glycol : TWA: 10 mg/m³ (USA)

General hygiene and safety rules should be followed. The working environment must include an eye shower (wash) station. Wash hands after use and at end of day.

Engineering Measures : Good general ventilation should be used. Use exhaust ventilation and/or other engineering controls to maintain accumulated chemical levels in the air below the acceptable limit. General hygiene and safety rules should be followed. The working environment must include an eye shower (wash) station.



Personal Protective Equipment :



Protection (Respiratory System) : Gas masks with filters appropriate to the chemical.

Protection (Eye, Face) : Protective goggles against the risk of splashing.

Protection (Skin, Body) : May cause skin irritation and burns; use chemical resistant gloves.

Protection (Hands) : Use fire and chemical resistant clothing.

9. PHYSICAL and CHEMICAL PROPERTIES :

9.1. General Information :

9.1.1. Visual Appearance : Clear liquid

9.1.2. Odor : Characteristic

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pH	:	N/A
Viscosity	:	[(77 °F) sp: 1, rpm: 20 Brookfield] : 25 - 75 [mPa.s]
Density	:	1.0 g/cm ³ (77°F)
Boiling Point	:	> 212°F
Solubility	:	Dispersible in water

10. STABILITY AND REACTIVITY :

Stable under normal conditions—product is not reactive. Keep away from direct sunlight and from products that contain aggressive chemicals. In case of overheating, product may release chemical gases.

11. TOXICOLOGICAL INFORMATION :**Acute Toxicity****Propylene Glycol :**

LD50 Oral - Rat → 20.000 mg/kg
LD50 Dermal - Rabbit → 20.800 mg/kg
LD50 Intramuscular - Rat → 14 g/kg
LD50 Intravenous - Dog → 26 g/kg
LD50 Intraperitoneal - Rat → 6.660 mg/kg
LD50 Subcutaneous - Rat → 22.500 mg/kg
LD50 Intravenous - Rat → 6.423 mg/kg
LD50 Intraperitoneal - Mouse → 9.718 mg/kg
LD50 Subcutaneous - Mouse → 17.370 mg/kg
LD50 Intravenous - Mouse → 6.630 mg/kg
LD50 Intravenous - Rabbit → 6.500 mg/kg

Skin Corrosion/Irritation

Dermal - Human

Result: Small amount of skin irritation (7 D)

Serious Eye Damage/Irritation

Eyes - Rabbit

Result: Small amount of eye irritation

Respiratory or Skin Sensitivity

Appropriate data are not available

Germ Cell Mutagenite

Appropriate data are not available

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IARC: 0.1% or more of this product in any content by IARC probable, possible as a carcinogen has not been identified or approved.

Other Toxicology Information :**Inhalation** : May cause irritation and coughing.**Contact with Skin** : May cause irritation and cracking of the skin as a long-term effect.**Contact with Eyes** : May cause irritation. Use suitable protective clothing, gloves, goggles, mask.**Ingestion** : May cause harm in case of ingestion.**12. ECOLOGICAL INFORMATION :****Ecotoxicity** : Toxic in an aquatic environment. Do not empty into drains. Avoid releasing into the environment.

Refer to special instructions/safety data sheet.

12.1. Toxicity : N/A**12.2. Persistence and Degradability** : No available data**12.3. Bioaccumulative Potential** : This product does not bioaccumulate.**12.4. Mobility in Soil** : This product will mix with water and may spread in an aquatic environment.**12.5. Results of PBT and vPvB Evaluation** : This product does not contain any substances classified as PBT or vPvB.**12.6. Other Adverse Effects** : Other adverse effects are unknown.**13. DISPOSAL CONSIDERATIONS :****Disposal/Destruction** : Dispose of product and container in accordance with all Federal, State, and local laws, by means of an approved waste disposal plant.**Waste Classification** : European waste catalogue (ewc) code: 040216 Dyestuffs and pigments containing dangerous substances.**14. TRANSPORT INFORMATION :****ADR/RID** : UN code : N/A, Classification : N/A**IMDG/IMO** : UN code : N/A, Classification : N/A**IATA/ICAO** : UN code : N/A, Classification : N/A**Packaging and Transport Information** : Packaging must be closed tightly. Keep away from products that contain aggressive chemicals.**Proposed Special Transport Packaging** : Determined by the manufacturer.**Environmental hazards**: Environmentally hazardous/Marine pollutant.

Bulk carriage does not apply, according to MARPOL 73/78, Annex II and IBC code.

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15. REGULATORY INFORMATION :

15.1. Specific Safety, Health, and Environmental Legislation for the Substance or Mixture :

National Legislation : Republic of Turkey Ministry of Environment and Urbanisation, 11 December 2013 on classification, labelling and packaging of substances and mixtures legislation

European Directive: Regulation (EC) No 1272/2008, OJ L 353 of the European Parliament and of the Council of 16 December 2008 on classification, labelling, and packaging of substances and mixtures - amending and repealing Directive 67/548/EEC and 1999/45/EC, and Regulation (EC) No 1907/2006.

Guide :

UNECE (United Nations Economic Commission for Europe) :

https://www.unece.org/fileadmin/DAM/trans/danger/publi/ghs/ghs_rev02/English/08e_annex4.pdf

[ECHA](http://echa.europa.eu) (European Chemical Agency) :

<http://echa.europa.eu/web/guest/regulations/clp>

16. OTHER INFORMATION :

Hazard Statements :

H316 Causes mild skin irritation.

H320 Causes eye irritation.

Precautionary Statements :

P101 If medical advice is needed, have product container or label at hand.

P280 Wear protective gloves/protective clothing/eye protection/face 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.

P309 + P311 : IN CASE OF EXPOSURE OR INABILITY TO FEEL BETTER: Call POISON CENTER or doctor / physician.

P333+P313 IF SKIN irritation or rash occurs: Get medical advice/attention.

P501 Dispose of product and container in accordance with all Federal, State, and local laws, by means of an approved waste disposal plant.

Pictograms / Symbols : N/A

Additional Information :

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Information and warnings in this safety data sheet are taken from UNECE (United

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Nations Economic Commission for Europe) and are only informational. The manufacturer/distributor cannot be held responsible for any direct or indirect loss or damage.

History of Revision :

Rev. No	Rev. Date	Revision Details
0	January 2016	First Issue
1	October 2017	Sections 2, 3 were reviewed
2	July 2018	Section 9 has been updated