



This MSDS is prepared according to (EU) 2020/878 regulations.

**Product Name: DP 2015 SILKYWHITE**

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**1. PRODUCT NAME AND COMPANY INFORMATION**

|                         |                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Chemical Characteristic | Synthetic dispersion, thickener and additive materials including compound                                                                                                                                                     |
| Product Description     | Auxiliary Agent for the textile screen printing industry                                                                                                                                                                      |
| Company Information     | ÖZANADOLU KİMYA SAN. Ve TİC. A.Ş.<br>Mahmutbey Merkez Mah. Karaoğlanoğlu Cd.Servet Sk.No:8<br>Bağcılar/İstanbul Tel:0 212 446 92 92 Fax:0 212 446 00 99<br>Mail: <a href="mailto:istanbul@inkuin.com">istanbul@inkuin.com</a> |
| Emergency Information   | 0 212 446 92 92                                                                                                                                                                                                               |

**2. HAZARDS IDENTIFICATION****2.1. Classification of the substance and mixture**

This product, is not dependent on classifications in terms of physicochemical, toxicological and ecotoxicologically. Given components at composition section are only informational purposes only.

**2.2. Label Elements**

This product is not dependent on labelling according to the EC 1907/2006 regulation.

**2.3. Other Hazards**

No data

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Compound Name                       | Weight % | Cas No     | Hazard Class | H Phrases | Limit for Classification |
|-------------------------------------|----------|------------|--------------|-----------|--------------------------|
| Water based Polyurethane Dispersion | 50-60    | 9017-09-8  | -            | -         | -                        |
| Diethylene Glycol                   | 5-10     | 111-46-6   | Acute Tox. 4 | H302      | %25                      |
| Water                               | 5-10     | 7732-18-5  | -            | -         | -                        |
| Titanium Dioxide                    | 25-30    | 13463-67-7 | -            | -         | -                        |

For H Phrases text look at section 15.

**4. FIRST-AID MEASURES**

|                 |                                                                                         |
|-----------------|-----------------------------------------------------------------------------------------|
| On eye contact  | Rinse thoroughly for 15 Minutes and consult a doctor immediately.                       |
| On skin contact | Have not important effects .Wash thoroughly with water. If possible use working gloves. |
| On Inhalation   | Have not important effects. After much inhalation go fresh air.                         |



**inkuin**  
SCREEN PRINTING CHEMICALS

**SAFETY DATA SHEET**

Form No :60  
Date :05/02/2018  
Revision 03  
Revision date :15/01/2026

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On Swallowing

After swallowing seek medical advice. Show the label and package to doctor.



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**5. FIRE – FIGHTING MEASURES**

|                                       |                                                                                                                                                                                                                                                                                                                                    |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable Extinguishing Media          | Water mist, foam dry powder, CO2. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.                                                                                                                                                                                          |
| Unsuitable Extinguishing Media        | There is no particular unsuitable media. Do not use only water directly                                                                                                                                                                                                                                                            |
| Specific Hazards as a result of fire. | Burning products in case of fire (Carbon dioxide, toxic pyrolysis residues, etc.) Do not inhale.                                                                                                                                                                                                                                   |
| Precuations against case of fire.     | Helmet, Fire-resistant clothing (Arm, leg and waist raound banded, fire-resistant jacket and throusters), gloves (fire protecting, cutting preventive and dielectric), Face protective and Positive pressure Mask covering operator's face totally or in case of being big amount of smoke, clean air inhalator (tube and masked). |

**6. ACCIDENTAL RELEASE MEASURES**

|                           |                                                                                                                                                    |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Personal Precautions      | Please look at item 8. If material is spilled the ground may be slippery.                                                                          |
| Environmental Precautions | Do not discharge to the sewage, surface water and soil.                                                                                            |
| Methods of Cleaning       | Close the drains (clogging risk). Use absorbent materials for cleaning up. Sweep up the stained places and dispose according to legal regulations. |

**7. HANDLING AND STORAGE**

|          |                                                                                                                                                                                                            |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Handling | <b>Precautions for safe handling:</b> Assure the working place a well ventilated place. Keep closed the cover of goods well.<br><b>Precautions for Fire and explosion danger:</b> There is no special      |
| Storage  | <b>Conditions for safe storage:</b> Keep container tightly closed and dry; store in a cool place at 5°C- 25°C.<br><b>Suitable Packaging:</b> Polyethylene<br><b>Common storage warnings:</b> Not required. |



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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

|                        |                                                                                                              |
|------------------------|--------------------------------------------------------------------------------------------------------------|
| Respiratory protection | In unwell ventilated place Respiratory protection is needed in case there is a spray processing application. |
| Hand protection        | Suitable protection gloves                                                                                   |
| Eye protection         | Protection goggles                                                                                           |
| Skin protection        | Working Clothes are suggested.                                                                               |
|                        | Please follow general condition of chemical applications                                                     |

**9. PHYSICAL AND CHEMICAL PROPERTIES**

|                       |                                                            |
|-----------------------|------------------------------------------------------------|
| Physical Form         | Viscous liquid paste                                       |
| Colour                | White                                                      |
| Odour                 | Weak Odour                                                 |
| Melting Point         | Not Applied                                                |
| Boiling Point         | Not Applied                                                |
| Flashing Point        | Not Applied                                                |
| Explosion Danger      | Not Explosive                                              |
| Steam pressure        | Not Applied                                                |
| Self Flammability     | Product is not Self-Flammable                              |
| Density               | 1.39 gr/ml                                                 |
| Solubility with Water | Soluble with Water                                         |
| Ph                    | 7,5 ±0,5                                                   |
| Viscosity             | Sp:7 rpm: 20 120.000 - 200.000 mPas ( Brookfield DV II + ) |
| Difference factor     | Not Applied                                                |

**10. STABILITY AND REACTIVITY**

**10.1 Reactivity:** The product is non-reactive under normal conditions of use, storage and transportation.

**10.2 Chemical stability:** The product is stable under normal conditions of use.

**10.3 Possibility of Hazardous Reactions:** Not polymerize or make reaction because of its inert composition. No dangerous reactions known under normal conditions of use.

**10.4 Conditions to Avoid:** None under recommended storage and handling conditions. Avoid heat, sparks, open flames and other ignition sources.

**10.5 Incompatible Materials:** No special requirements are expected under normal use conditions.

**10.6 Hazardous Decomposition Products:** No hazardous decomposition products are formed if used as described. Fire creates: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).



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**11. TOXICOLOGICAL INFORMATION**

It is not seen any bad effects to human health after exposure. We suggest working in suitable and well ventilated working places. Preparat, especially for sensitive individuals, by inhalation / or intorsusception by skin /or eye contact and /or by swallowing it could cause some mild effects on health.

**Acute Data :**

Analojic data, briefly; LD50>2000 mg/kg rat. (Acute toxicity estimations) Information given is based on product data, a knowledge of the components and the toxicology of similar products.

**Toxicologic extra information:**

General European Community Regulation on Classification for product preparation is not subject to classification according to the latest version of the calculation method, based on the experience we gained and the data received from our suppliers; If used according to the specifications and disposal of this product is not harmful.

**12. ECOLOGICAL INFORMATION**

**12.1 Toxicity**

Dafnia Toxicity Ec50>1000 mg/l (Daphnia magna, 48 hours) (Acute toxicity estimations) Information given is based on a knowledge of the components and the ecotoxicology of similar products.

**12.2 Persistence and Degradability** Biodegradability; >70% by method OECD 301D

Product according to OECD criterias, because of its nature is Biodegradable. In biological treatment plant elemination can be done with foliculation, defecation and activated clay adsorbtion.

**12.3 Bioaccumulative potential**

The product does not bioaccumulate.

**12.4 Mobility in soil**

The product is miscible with water and may spread in water systems.

**12.5 Results of PBT vPvB assessment**

The product does not contain any substances classified as PBT or vPvB.

**12.6 Other adverse effects**

Information not available

**13. DISPOSAL CONSIDERATIONS**

Disposal, in accordance with national and local regulations should be done or delivered to a company with authorized waste management.

**Contaminated Packaging**

Contaminated packaging, recycling in accordance with national laws relating to waste management and should be sent or to be destroyed..



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#### 14. TRANSPORT INFORMATION

Not classified as hazardous under transport regulations (ADR, RID, IMDG ,ICAO/IATA )

#### 15. REGULATORY INFORMATION

Hazard Statements; H302: Harmful if swallowed

Precaution Suggestions; P264: Wash thoroughly after handling

P270: Do not eat, drink or smoke when using this product.

#### 16. OTHER INFORMATION

##### GENERAL RESOURCES

- 1- 1999/45/AT
- 2- 67/548/AET
- 3- Regulation (EC) 1907/2006 (REACH)
- 4- The Merck Index.Ed.10
- 5- Handling Chemical Safety
- 6- Raw material's MSDS

PS: This MSDS has been prepared in the light of the data which we get from our current updated information and our suppliers. The purpose of this Safety Data Sheet is to describe the products in terms of safe handling, use, processing, storage, transportation, disposal and release. This MSDS does not imply a warranty concerning composition, properties or performance. Also it does not replace the legal validity of a contract.