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**OPTIBLANC A 11****SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1. Product identifier**

Trade name: Optiblanc A 11

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Relevant identified uses of the substance or mixture:

Identified uses Medium affinity liquid optical brightener for cotton and viscose fibers

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

İndigo Kimya ve Tekstil Sanayi Tic.Ltd.Şti.

Telephone: 0212 486 07 07

Fax: 0212 486 30 22

e-mail: [info@indigokimya.com.tr](mailto:info@indigokimya.com.tr)

Web: [www.indigokimya.com](http://www.indigokimya.com)

Emergency telephone number: The poison information center 114

**SECTION 2: HAZARDS IDENTIFICATION****2.1. Classification of the substance or mixture**

Classification (EC/1272/2008)

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

**2.2. Label elements**

Hazard statements Not Classified

**2.3 Other hazards**

No information available.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.1. Substance**

n.a.

**3.2. Mixture**

tetrasodium 4,4'-bis[[4-[bis(2-hydroxyethyl)amino]-6-(4-sulphonatoanilino)-1,3,5-triazin-2-yl]amino]stilbene-2,2'-disulphonate]	
CAS	16470-24-9
Content%	9-20
Classification according to Regulation (EC) 1272/2008 (CLP)	Not Classified

The full text for all hazard statements is displayed in Section 16.

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**SECTION 4: FIRST AID MEASURES**

**4.1. Description of first aid measures**

- Inhalation:** Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
- Ingestion:** Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
- Skin contact:** Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
- Eye contact:** Remove affected person from source of contamination. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

**4.2. Most important symptoms and effects, both acute and delayed**

**General information:** See Section 11 for additional information on health hazards.

**4.3. Indication of any immediate medical attention and special treatment needed**

**Notes for the doctor** No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY! If in doubt, get medical attention promptly.

**SECTION 5: FIRE-FIGHTING MEASURES**

**5.1. Extinguishing media**

**Suitable extinguishing media** The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

**5.2. Special hazards arising from the substance or mixture**

**Specific hazards** No unusual fire or explosion hazards noted.

**5.3. Advice for firefighters**

**Protective actions during firefighting** Avoid breathing fire gases or vapours. Fight fire from safe distance or protected location.

**Special protective equipment for firefighters** Use protective equipment appropriate for surrounding materials.

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions** For personal protection, see Section 8.

**6.2. Environmental precautions**

**Environmental precautions** Avoid discharge into drains or watercourses or onto the ground.

**6.3. Methods and material for containment and cleaning up**

**Methods for cleaning up** Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

**6.4. Reference to other sections**

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see section 13.

**SECTION 7: HANDLING AND STORAGE**

**7.1. Precautions for safe handling**

**Usage precautions** Avoid spilling. Avoid contact with skin and eyes.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place.

**7.3. Specific end use(s)**

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1. Control parameters**

**Ingredient comments** No exposure limits known for ingredient(s).

**8.2. Exposure controls**

**Protective equipment**



**Appropriate engineering controls**

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

**Eye/face protection**

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.

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<b>Hand protection</b>	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.
<b>Other skin and body protection</b>	Wear appropriate clothing to prevent any possibility of skin contact.
<b>Hygiene measures</b>	Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.
<b>Respiratory protection</b>	No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on basic physical and chemical properties**

<b>Appearance</b>	Liquid.
<b>Colour</b>	Light brown
<b>Odour</b>	Characteristic.
<b>pH</b>	8.5 ± 1.0
<b>Solubility(ies)</b>	Miscible with water.

**9.2. Other information**

<b>Other information</b>	Not available.
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**SECTION 10: STABILITY AND REACTIVITY****10.1. Reactivity**

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
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**10.2. Chemical stability**

<b>Stability</b>	Stable at normal ambient temperatures.
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**10.3. Possibility of hazardous reactions**

<b>Possibility of hazardous reactions</b>	Not available.
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**10.4. Conditions to avoid**

<b>Conditions to avoid</b>	Avoid excessive heat for prolonged periods of time.
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**10.5. Incompatible materials**

<b>Materials to avoid</b>	Strong acids. Strong alkalis. Strong oxides.
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**10.6. Hazardous decomposition products**

<b>Hazardous decomposition products</b>	Fire creates: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ).
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**SECTION 11: TOXICOLOGICAL INFORMATION**

**11.1. Information on toxicological effects**

<b>Toxicological effects</b>	No information available.
<b>Inhalation</b>	Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Coughing.
<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Skin contact</b>	Liquid may irritate skin.
<b>Eye contact</b>	Vapour or spray in the eyes may cause irritation and smarting.

**SECTION 12: ECOLOGICAL INFORMATION**

<b>Ecotoxicity</b>	Not regarded as dangerous for the environment.
<b>12.1. Toxicity</b>	
<b>Acute toxicity - fish</b>	LC <sub>50</sub> , 96 hours: > 100 mg/l, Fish
<b>Acute toxicity - aquatic plants</b>	IC <sub>50</sub> , 72 hours: > 100 mg/l, Algae
<b>12.2. Persistence and degradability</b>	
<b>Persistence and degradability</b>	Ready biodegradability : 10 - 20 % (OECD 301D - Closed Bottle test)
<b>12.3. Bioaccumulative potential</b>	
<b>Bioaccumulative potential</b>	No data available on bioaccumulation.
<b>12.4. Mobility in soil</b>	
<b>Mobility</b>	The product is non-volatile. The product is soluble in water.
<b>12.5. Results of PBT and vPvB assessment</b>	
<b>Results of PBT and vPvB assessment</b>	No information available.
<b>12.6. Other adverse effects</b>	
<b>Other adverse effects</b>	None known.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1. Waste treatment methods**

<b>Disposal methods</b>	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
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**SECTION 14: TRANSPORT INFORMATION**

<b>General</b>	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).
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**Road transport notes** Not classified.  
**Rail transport notes** Not classified.  
**Sea transport notes** Not classified.  
**Air transport notes** Not classified.

**14.1. UN number**

Not applicable.

**14.2. UN proper shipping name**

Not applicable.

**14.3. Transport hazard class(es)**

No transport warning sign required.

**14.4. Packing group**

Not applicable.

**14.5. Environmental hazards**

Environmentally hazardous substance/marine pollutant

No.

**14.6. Special precautions for user**

Not applicable.

**14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code**

Transport in bulk according to

**Annex II of MARPOL 73/78** Not applicable.  
**and the IBC Code**

**SECTION 15: REGULATORY INFORMATION****National regulations**

T.C. Çevre ve Şehircilik Bakanlığı, 13 Aralık 2014 tarihli, 29204 Sayılı, ZARARLI MADDELER VE KARIŞIMLARA İLİŞKİN GÜVENLİK BİLGİ FORMLARI HAKKINDA YÖNETMELİK.

Kimyasal Maddelerle Çalışmalarda Sağlık ve Güvenlik Önlemleri Hakkında Yönetmelik.  
Bazı Tehlikeli Maddelerin, Müstahzarların ve Eşyaların Üretimine, Piyasaya Arzına ve Kullanımına İlişkin Kısıtlamalar Hakkında Yönetmelik.

İş Sağlığı ve Güvenliği Yönetmeliği.

**Guidance**

Workplace Exposure Limits EH40.

CHIP for everyone HSG228.

Safety Data Sheets for Substances and Preparations.

Approved Classification and Labelling Guide (Sixth edition) L131.

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out.



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## SECTION 16: OTHER INFORMATION

### Key literature references and sources for data

This SDS is prepared based on the information received from the product raw material.

Information in this MSDS are based on our current knowledge and the only possible use includes safety requirements. This information does not guarantee any property. To comply with applicable laws and regulations with the product / the responsibility of the wearer.