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SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Trade name: Optiblanc B 05

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

Web: 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%	6-15
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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Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.
Other skin and body protection	Wear appropriate clothing to prevent any possibility of skin contact.
Hygiene measures	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.
Respiratory protection	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

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

9.2. Other information

Other information	Not available.
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SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Not available.
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10.4. Conditions to avoid

Conditions to avoid	Avoid excessive heat for prolonged periods of time.
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10.5. Incompatible materials

Materials to avoid	Strong acids. Strong alkalis. Strong oxides.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Fire creates: Carbon monoxide (CO). Carbon dioxide (CO ₂).
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SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

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

SECTION 12: ECOLOGICAL INFORMATION

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

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Disposal methods	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

General	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.