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**PREMMATIK OX**

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

**1.1 Product identifier**

**Trade name:** Premmatik Ox  
**Chemical name:** Low foam granular laundry detergent

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

**Relevant identified uses of the substance or mixture:**

Textile used for cleaning.

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

İndigo Kimya ve Tekstil Sanayi Tic.Ltd.Şti.

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**Emergency telephone number:** The poison information center 114

**SECTION 2: HAZARDS IDENTIFICATION**



H319 - Causes serious eye irritation

**Health Hazards (Acute and Chronic):**

Ingestion : May cause transient gastrointestinal irritation.  
Eye Contact : Contact may cause mild, transient irritation.  
Inhalation : Heavy exposure to dust may cause transient respiratory tract irritation. Prolonged heavy exposure to dust may cause respiratory sensitization.

**Signs and Symptoms of Exposure:**

Ingestion : Possible mild gastrointestinal irritation with nausea, vomiting, and/or diarrhea.  
Eye Contact : Eye contact with the product or its aqueous solution may produce transient superficial irritation  
Skin : None.  
Inhalation : Heavy exposure to dust may cause transient respiratory tract irritation.

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**PREMMATİK OX****SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2 Mixture**

Chemical name	CAS no	Composition Range	CLP	LD 50 and/or LC50
Sodium Carbonate	497-19-8	40-60 %	Eye Irrit. 2;H319	1.9 g/kg (rats/oral)
Alcohols Ethoxylate (C12-15)	68131-39-5	8-12 %	Eye Irrit. 2;H319	1.0-3.0 g/kg (rats/oral)
Silicate	1344-09-8	3-7%	N/K	1.3 g/kg (rats/oral)
Linear Alkyl Benzene Sulfonate	68081-81-2	1-5 %	N/K	0.7-1.3 g/kg (rats/oral)

**SECTION 4: FIRST AID MEASURES****4.1 Description of first aid measures**

Ingestion : Give milk or water.

Eye Contact : Flush eyes with water for 15 minutes.

Skin : Rinse exposed area with water.

Inhalation : Leave dusty area. In rare cases a respiratory reaction can occur which may include tightness of chest and difficulty breathing. If this occurs, seek medical attention immediately.

**SECTION 5: FIRE-FIGHTING MEASURES****5.1 Suitable extinguishing media:** Water jet spray/ foam/CO2/dry extinguisher**5.2 Special Fire Fighting Procedures:** None.**5.3 Special hazards arising from the substance or mixture:** After-burning or heat decomposition and dangerous gases.**5.4 Advice for firefighters:** Without breathing apparatus and chemical protection Do not stay in dangerous areas.**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1. Personal precautions, protective equipment and emergency procedures**

Personal precautions: Avoid formation and deposition of dust.

**6.2 Environmental precautions**

Environmental precautions: Do not empty into drains or waters

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

Methods for cleaning up/taking up: Take up spilled product with dust-binding material or suitable vacuum cleaner. Fill into labelled, sealable containers.

**SECTION 7: HANDLING AND STORAGE**

**7.1. Precautions for safe handling**

Avoid skin contact and breathing product dust. Store in a cool, dry place. Keep product dry to maintain free-flowing granules

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

Ensure good ventilation.

**8.1 Personal Protective Equipment**

**Respiratory Protection**



Use full face mask during use.

**Eye/Face Protection**



Use goggles to prevent contact with the eyes during use.

**Hand Protection**



The glove material must be impermeable and resistant to the substance used.

**Body Protection**



Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**9.1. Information on basic physical and chemical properties**

**Physical state:** solid, granular

**Colour:** White

**Solubility in Water:** Mostly soluble at 20°C

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**SECTION 10: STABILITY AND REACTIVITY**

<b>Possible Hazardous Reactions/Conditions</b>	: None known.
<b>Conditions to Avoid</b>	: Open flame.
<b>Materials to Avoid</b>	: None known.
<b>Hazardous Decomposition Products</b>	: None known.
<b>Other Recommendations</b>	: None

**SECTION 11: TOXICOLOGICAL INFORMATION**

LD50 (rats oral)	: 2.8 - 7.1 g/kg
ED50 approx.	15-120 mg/kg

**SECTION 12: ECOLOGICAL INFORMATION**

No concerns at relevant environmental concentrations. This product contains an anionic surfactant that has an aquatic 96 hr LC50 of 0.92 ppm. However, risk assessments on the finished product confirm objective safety of its usage because of the removal and biodegradability kinetics of the surfactant. The surfactant is rapidly biodegradable under Aerobic and anaerobic conditions (protocols: OECD 301-B and ECETOC 1988, respectively). The level of biodegradation in both conditions is >70%. Its removal in municipal sewage treatment is expected to be >99% based on standard laboratory test methods.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1. Waste treatment methods**

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Environmental Manager must be informed of all major spillages.

**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).
<b>Road transport notes</b>	Not classified.
<b>Rail transport notes</b>	Not classified.
<b>Sea transport notes</b>	Not classified.
<b>Air transport notes</b>	Not classified.



## SAFETY DATA SHEET

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### SECTION 15: REGULATORY INFORMATION

No components are affected by Significant New Use Rules (SNURs) under TSCA §5.

Sodium carbonate (497-19-8) is listed on the Canadian WHMIS Ingredient Disclosure List (IDL) as item number 1431, with a threshold of 1%.

### SECTION 16: OTHER INFORMATION

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.