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PREMMAX 522

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

1.1 Product identifier

Trade name: Premmax 522
Chemical name: Dihydroxyethyleurea modified
Use of the substance/preparation: Textile finishing

1.2 Details of the supplier of the safety data sheet

İndigo Kimya ve Tekstil Sanayi Tic.Ltd.Şti.
Telephone: 0212 486 07 07
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Emergency telephone number: The poison information center 114

SECTION 2: HAZARDS IDENTIFICATION

3.1 Classification of the substance or mixture

Classification according EC Directive (67/548/EEC or 1999/45/EC, as amended)

The product is not classified as dangerous according to EC directives/the relevant national laws.

3.2 Label elements

Labelling in accordance with EC-Directives (67/548/ECC, as amended)

Hazard warning labelling not compulsory

3.3 Other hazards

No additional hazards are known expect those derived from the labelling.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization: Dihydroxyethyleurea modified

Hazardous ingredients

Acetic Acid

Concentration <2 %
Cas number: 64-19-7
EC number: 200-580-7
Index number: 607-002-00-6
REACH-Registration number according to article 20(3) : 01-2119475328-30, 01-2119475328-30-0000, 01-2119475328-30-0001, 01-2119475328-30-0002, 01-2119475328-30-0003, 01-2119475328-30-0006, 01-2119475328-30-0008- 01-2119475328-30-XXXX

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Classification hazard substance EC

		R 10
C	Corrosive	R 35

GHS classification EC

Flammable liquids	Category 3	H 226
Skin corrosion	Category 1A	H 314

Diethylene glycol

Concentration < 10 %
 Cas number: 111-46-6
 EC number: 203-872-2
 Index number: 603-140-00-6
 REACH_Registration number according to article 20(3) : 01-2119457857-21, 01-2119457857-21-0002, 01-2119457857-21-0021

Classification hazard substance EC

Xn	Harmful	R 22
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GHS classification EC

Acute toxicity	Category 4	H 302
Specific target organ toxicity- Repeated exposure	Category 2	H373

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

General information Remove soiled or soaked clothing immediately

After contact with skin In case of contact with skin wash off immediately with plenty of water

After contact with eyes In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice

After ingestion Call in a physician immediately and show him the safety data sheet.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms No symptoms known currently

Hazards No hazards known at this time

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SECTION 5: FIRE-FIGHTING MEASURES

- 5.1 Suitable extinguishing media:** Extinguishing measures to suit surroundings
- 5.2 Special hazards arising from the substance or mixture:** In case of fires, hazardous combustion gases are formed: Carbon monoxide, Carbon dioxide
- 5.3 Advice for firefighters:** Use self-contained breathing apparatus
Wear full protective suit.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures**
Wear suitable personal protective equipment. Ensure adequate ventilation.
- 6.2 Environmental precautions**
Contain contaminated water/firefighting water. Do not allow entry to drains, water courses or soil.
- 6.3 Methods and materials for containment and cleaning up**
Pick up with absorbent material (eg sand, sawdust). Rinse away rest with water.

SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling**
- Advice on safe handling** Use only in well ventilated areas.
- Hygiene measures** Observe the usual precautions when handling chemicals
- Advice on protection against fire and explosion** Observe the general rules of industrial fire protection
- 7.2 Conditions for safe storage, including any incompatibilities**
- Requirements for storage areas and containers** Keep only in the original container
Suitable materials: PE/PTFE
Suitable material: stainless steel
Use glass containers.
Unsuitable material: iron
- Advice on storage compatibility** Avoid storage near incompatible agents (see section 10).
Do not store or transport together with foodstuffs.
- Further information on storage conditions** Storage temperature should not exceed 30°C
Sensitive to frost-In case of the product becoming opaque, thickening or being frozen due to the effects of cold, allow to thaw slowly at room temperature. Stir briefly before use. Storage temperature should not exceed 40 °C.
- Storage stability**
Storage period: 12 month
- 7.3 Specific end use(s)**
No further recommendations.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION
8.1 Control parametres
Exposure limit values Exposure limit values are not available

DNEL/DMEL values
Acetic acid

AB number: 200-580-7

CAS number: 64-19-7

Route of exposure	Personnel	Exposure time/Effect	Value	Remarks
Inhalation	Worker	Short term/local effects	25 mg/m ₃	DNEL
Inhalation	Worker	Short term/local effects	25 mg/m ₃	DNEL
Inhalation	General population	Short term/local effects	25 mg/m ₃	DNEL
Inhalation	General population	Short term/local effects	25 mg/m ₃	DNEL

Diethylene glycol

EC number: 203-872-2

CAS number: 111-46-6

Route of exposure	Personnel	Exposure time/Effect	Value	Remarks
Dermal	Worker	Short term/local effects	106 mg/kg bw/day	DNEL
Inhalation	Worker	Short term/local effects	60 mg/m ₃	DNEL
Dermal	Consumer	Short term/local effects	53 mg/kg bw/day	DNEL
Inhalation	Consumer	Short term/local effects	12 mg/m ₃	DNEL

PNEC values
Acetic acid

EC number: 200-580-7

CAS number: 64-19-7

Environmental compartment	Personnel/Exposure time/Effect	Value
Water (Fresh water)		3,058 mg/l
Water (Sea water)		0,3058 mg/l
Water (Intermittent release)		30,58 mg/l
Sediment (Fresh water)		11,36 mg/kg sediment dw
Sediment (Sea water)		1,136 mg/kg sediment dw
Soil		0,478 mg/kg toprak dw
STP		85 mg/l

Diethylene glycol

EC number: 203-872-2

CAS number: 111-46-6

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Environmental compartment	Personnel/Exposure time/Effect	Value
Sediment (Fresh water)		20,9 mg/kg sediment dw
Soil		1,53 mg/kg toprak dw
STP		199,5 mg/l
Water (Fresh water)		10 mg/l
Water (Sea water)		1 mg/l
Water (Intermittent release)		10 mg/l

8.2 Exposure controls

Avoid contact with eyes and skin

Hand protection

Nitrile rubber gloves

Observe the information of the glove manufacturers on permeability and breakthrough times and other workplace requirements.

Eye protection

Safety glasses

Body protection

Protective clothing boots.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES
9.1 Information on basic physical and chemical properties
Form: Liquid

Renk: Yellow

Koku: Characteristic

pH: 3.0 ± 1.0

Flash point: No flash point-Measure made up to the boiling point

Solubility in water: Miscible in all proportions

SECTION 10: STABILITY AND REACTIVITY
10.1 Reactivity

See section 10.3 "Possibility of hazardous reactions"

10.2 Chemical stability
10.3 Possibility of hazardous reactions

No hazardous reactions when stored and handled according to prescribed instructions.

10.4 Hazardous decomposition products

Carbon monoxide and carbon dioxide

SECTION 11: TOXICOLOGICAL INFORMATION
Information related to the product itself:
Acute oral toxicity

LD50 > 2000 mg/kg (rat)

Method: OECD 420

By analogy with a similar product.

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SECTION 12: ECOLOGICAL INFORMATION

Fish toxicity	LC 50 > 500 mg/l (96 h, zebra fish(brachydanio rerio)) Method: OECD 203 By analogy with a similar product.
Bacteria toxicity	EC 50 > 1000 mg/l (activated sludge) Method: OECD 209 By analogy with a similar product.
Biodegradability	approx. 70 % (28 d, DOC decrease) Method: OECD 302 B Data refer to the organic component.
Chemical oxygen (COD)	approx. 535 mg/g Method: estimated from the components
Biochemical oxygen demand (BOD 5)	approx. 36 mg/g
Additional ecotoxicological remarks	Preparation has not been tested Ecological data are determined by analogy Product does not contain any organic bound Halogens which could lead to AOX-values. Do not dispose of in the environment

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product	Disposal in an incineration plant in accordance with the regulations of the local authorities.
Uncleaned packaging	Packaging that cannot be cleaned should be disposed of as product waste

SECTION 14: TRANSPORT INFORMATION

ADR:	not restricted
ADN:	not restricted
RID:	not restricted
IATA:	not restricted
IMDG:	not restricted

Special precautions for user

See sections 6 to 8 of this safety data sheet

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Transport in bulk according to Annex II of MARPoL 73/78 and the IBC Code (International Bulk Chemicals Code)

No transport as bulk according IBC-Code

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Other regulations

Apart from the data/regulations specified in this chapter, no further information is available concerning safety, health and environmental protection.

15.2 Chemical safety assessment

No Chemical Safety Assessment (CSA) is yet available for the substance, or for the component substances contained in this product.

SECTION 16: OTHER INFORMATION

- R10: Flammable
R22: Harmful if swallowed
R35: Causes severe burns
H226: Flammable liquid and vapour
H302: Harmful if swallowed
H314: Causes severe skin burns and eye damage
H373.2: May cause damage to organs through prolonged or repeated exposure if swallowed.
- AOX: Adsorbable organic bound halogens
DNEL: Derived No Effect Level
DMEL: Derived Minimal Effect Level (genotoxic substances)
MARPOL: International Convention for the Prevention of Pollution From Ships
PBT: Persistent, Bioaccumulative, Toxic

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.