

**PRAESTOL 2530**

Version 1 Revision date: 10.04.2001

Print date: 12.04.2005

**1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY / UNDERTAKING**

**Product information**

Product name : **PRAESTOL 2530**

COMPANY : NEWBURY S.A.  
Parque Industrial Pilar  
Pcia de Buenos Aires  
Argentina

Telephone : ++54 2322 496990  
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**2. COMPOSITION / INFORMATION ON INGREDIENTS**

**Chemical characterisation:**

Description: : Copolymer of acrylamide and sodium acrylate.

**3. HAZARDS IDENTIFICATION**

No particular hazards known.

**4. FIRST AID MEASURES**

Eye contact : Rinse with much water for a prolonged time - if ill effects occur seek medical advice.

Skin contact : Wash with water and soap. Take off contaminated clothing.

Ingestion : If ill effects occur seek medical advice immediately.

**5. FIRE-FIGHTING MEASURES**

Specific hazards during fire fighting : In case of fire carbon monoxide, nitrogen oxides

Special protective equipment for firefighters : No special requirements.

Suitable extinguishing media : Water mist, foam, carbon dioxide, dry powder

**6. ACCIDENTAL RELEASE MEASURES**

Personal precautions : Spilled product in contact with water or moisture causes surfaces to become extremely slippery

Environmental precautions : Collect and flush small residuals with much water into the drain for subsequent biological waste effluent treatment.

## 7. HANDLING AND STORAGE

### Handling

Safe handling advice : When dust is formed ensure sufficient workplace ventilation.

### Storage

Requirements for storage : no special requirements  
areas and containers

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Components with workplace control parameters

Base : MAK  
Remarks: : Not applicable.

### Personal protection equipment

Respiratory protection : If dust is produced.  
Eye protection : protective goggles  
Hygiene measures : Obey reasonable safety precautions and practise good housekeeping.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

Form : Powder  
Colour : white  
Odour : odourless

### Other data

Fusing temperature : Not applicable.  
Starts to boil at : Not applicable.  
Flash point : > 160 °C  
Method: DIN 51758  
Ignition temperature : not determined  
Upper explosion limit : Not applicable.  
Bulk density : 600 - 750 kg/m<sup>3</sup>  
Water solubility : at 20,0 °C

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Soluble with a rise in viscosity.

pH : 5,5 - 9  
at 5,0 g/l (20,0 °C)

Viscosity, dynamic : 5 g/l 10% NaCl: > 200 mPa.s  
at 20,0 °C

## 10. STABILITY AND REACTIVITY

Thermal decomposition : > 160 °C

## 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50 Mouse.  
Dose: > 5000 mg/kg  
Method: preliminary investigation  
of a 5% solution

Skin irritation : Rabbit  
Method: OECD Nr. 404  
Not irritative.

Eye irritation : Rabbit  
Method: OECD Nr. 405  
Not irritative.

Sensitization : Guinea pig  
Result: 0% (0/20)  
Method: OECD Nr. 406  
No sensitization.

## 12. ECOLOGICAL INFORMATION

### Elimination information (persistence and degradability)

Biodegradability : Prevent concentrated product from penetrating into waters without biological waste water treatment.  
Diluted solutions determined for use are not to be regarded as hazardous to water due to specific product properties (high substantivity, flocculation with digestive sludge).  
Due to its high polymer structure, the biodegradation of the product is negligible.  
Because of its specific substantivity the product can be eliminated well in biological waste effluent treatment plants (binding on digestive sludge).

Bacterial toxicity : EC50 Ps. Putida  
> 2000 mg/l  
Exposure time: 24,00 h  
Method: DEV L 8

Bacterial toxicity : MHK

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> 2000 mg/l

Fish toxicity : LC50 *Leuciscus idus*  
> 150 mg/l  
Exposure time: 96,00 h  
Method: OECD Nr. 203

Further information : Data reported in section 11 resp. 12 have been determined on a comparable product in the Laboratory for Toxicology and Ecology, STOCKHAUSEN GmbH & Co. KG, Krefeld, Germany.

**13. DISPOSAL CONSIDERATIONS**

Product : Dispose of whilst observing local legal regulations, e.g. in a suitable incineration plant.

Contaminated packaging : Undamaged packaging may be responsibly reused after proper cleaning.

**14. TRANSPORT INFORMATION**

Further information : Not restricted according to transport regulations.

**15. REGULATORY INFORMATION**

**Labelling according to EEC Directive**

General advice : not subject to compulsory marking

**National legislation / regulations**

German "Flammable Liquids" classification (VbF) : Not applicable.

Water contaminating class : 1 slightly hazardous to water (own classification)

TA Luft (Germany) : Not applicable.

**16. OTHER INFORMATION**

Other information : residual monomers: acrylamide < 0,1%  
Datenblatt ausstellender Bereich: SUQ/Produktsicherheit  
Contact Person: Stabsbereich Sicherheit, Umwelt und Qualität / Produktsicherheit

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing,

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storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.