PRODUCT INFORMATION

PYRALIN® EN (sulfasalazine)

NAME OF THE MEDICINE

PYRALIN EN (sulfasalazine) 500 mg enteric coated tablets.

The structural formula of sulfasalazine is shown below:

Chemical Name: 2-Hydroxy-5-[2-[4-(pyridin-2-ylsulphamoyl)phenyl]diazenyl]benzoic acid
Molecular Formula: C_{18}H_{14}N_{4}O_{5}S
Molecular Weight: 398.4
CAS Registry Number: 599-79-1.

DESCRIPTION

Sulfasalazine is a bright yellow or brownish-yellow, fine powder. It is practically insoluble in water, very slightly soluble in ethanol (96 percent), practically insoluble in methylene chloride. It dissolves in dilute solutions of alkali hydroxides.

PYRALIN EN enteric coated tablets contain 500 mg of sulfasalazine and the following inactive ingredients: starch-maize, silica-colloidal anhydrous, magnesium stearate, cellacephate, propylene glycol, beeswax-white, carnauba wax, macrogol 20000, glyceryl monostearate, and talc-purified.

PHARMACOLOGY

Pharmacodynamics

Sulfasalazine has, among others, an immunosuppressive effect and has shown affinity to connective tissue. It has also been shown to have a wide range of effects in other biological systems. It is, however, difficult to judge the clinical relevance of its various pharmacological actions since the aetiology of rheumatoid arthritis is largely unknown. Moreover, the mode of action of sulfasalazine in the treatment of ulcerative colitis is also not known. A metabolite of the drug may have an inhibitory effect on an antigen-antibody process occurring in the
intestinal wall and the salicylate component may act as an anti-inflammatory agent. The drug does not appear to have any long term antibacterial effect on the stool flora of patients with ulcerative colitis (see "Antibacterial Effect" below).

The following effects have been found in vitro: inhibition of bacterial growth; inhibition of prostaglandin synthesis; increased intestinal cytoprotection due to inhibition of prostaglandin degradation; reduction of leukotriene formation; modulation of polymorphonuclear leukocyte function; inhibition of proteolytic enzymes; inhibition of DNA synthesis; and impairment of folate absorption and metabolism.

Most of these effects have also been shown in experimental animal systems. This has led to the following alternative explanations of the clinical effects of sulfasalazine.

**Antibacterial Effect**

West *et al.*, (1974) found that the number of anaerobic bacteria in the colon lumen was markedly reduced by administration of sulfasalazine. Krook *et al.*, (1981) showed that 1 month of sulfasalazine treatment gave a drastic reduction in the anaerobic bacteria count. After four months of continuing treatment the counts returned to normal, although a decrease in certain bacterial strains was still evident.

Rheumatoid arthritis may be an enteropathogenic arthritis. One well known observation is that experimental arthritis in pigs may be caused by *Clostridium perfringens* in the large bowel. Neumann *et al.*, (1984) has recently examined the faecal flora in a normal control population and in rheumatoid arthritis patients during sulfasalazine treatment. During therapy there was a trend towards a decrease in the *C.l perfringens* count in the sulfasalazine treated group which was not seen in the control group. Tremaine *et al.*, (1984) have recently shown that patients on sulfasalazine have a significantly lower incidence of *C.l difficile* infection than patients with no treatment, and that a significantly higher incidence of infection is observed after antibiotic therapy.

**Anti-inflammatory and Immunoregulatory Effect**

In recent years a large number of papers, predominantly on in vitro studies, have reported effects of sulfasalazine on the arachidonic acid metabolites, prostaglandins and leukotrienes.

Any equivalence to these effects in vivo, seen as an anti-inflammatory effect, has yet only partly been documented. Thus, inhibition of carrageenan inflammation could be demonstrated in the rat paw and in the rat colon. In the adjuvant arthritis model in rats, Steinwall *et al.*, showed a significant inhibition at high doses of sulfasalazine. Indomethacin-induced ulceration could be reduced by sulfasalazine, and water transport was normalised by sulfasalazine both in human biopsy tissue and in the dinitrochlorobenzene (DNCB) colitis in a rat model.

With regard to possible immunoregulatory effects, Holm and Perimann (1968) published a study on the effect of sulfasalazine upon lymphocytic activity. Sulfasalazine was shown to have a specific toxicity for lymphocytes, higher than for other cells. Campbell (1973) studied the effect of sulfasalazine in immunological models, and a clear immunoregulatory effect was noted.

Laursen (1978) found that sulfasalazine in mice suppressed many immunological factors, such as serum levels of different immunoglobulins and the number of lymphocytes.
Rubenstein et al., (1978) and Ali et al., (1982) have shown that sulfasalazine therapy depresses the activity of certain lymphocytes.

**Pharmacokinetics**

**Absorption**

After the administration of a single 2 g dose of sulfasalazine (enteric or non enteric coated tablets), sulfasalazine can be detected in serum within 6 hours. Two days after administration the serum concentration is negligible. With repeated daily doses, the steady state serum level of sulfasalazine is achieved after 4 to 5 days.

Sulfasalazine is poorly absorbed from the small intestine (up to 30%), after which it is excreted into the bile. A few percent of the given dose is excreted unmetabolised into the urine. The unabsorbed drug is excreted in the faeces. This is also confirmed by the observation that around 70% of an ingested dose of sulfasalazine can be recovered in the effluent of ileostomised patients. Sulfasalazine rapidly enters the enterohepatic circulation and is returned to the gastrointestinal tract via the biliary route. Up to 80% of the absorbed intact sulfasalazine can be recovered in the bile effluent.

**Metabolism**

The 70 to 80% of the ingested dose of intact sulfasalazine which reaches the colon is subjected to azo-reductive cleavage by the colonic flora to yield the two major metabolites, 5-amino-salicylic acid (5-ASA) and sulfapyridine. Sulfapyridine is rapidly absorbed, partly metabolised in the liver, primarily by acetylation, and subsequently excreted in the urine. Non-acetylated sulfapyridine is partly protein bound. The role of the gut bacteria in splitting sulfasalazine has been elucidated in detail by Peppercorn and Goldman (1972). Thus, the delay in appearance of sulfapyridine and 5-ASA in the serum after oral administration of sulfasalazine is consistent with the time taken for the drug to reach the microbially rich colon. The two products of cleavage, 5-ASA and sulfapyridine are subsequently metabolised.

In humans only N-acetyl-5-aminosalicylic acid has been identified as a metabolite of 5-ASA. Sulfapyridine metabolites have been identified in humans as: N⁴-acetylsulfapyridine; sulfapyridine-o-glucuronide; acetylsulfapyridine-o-glucuronide; 5-hydroxy-sulfapyridine-o-glucuronide; and N⁴-acetyl-5-hydroxy-sulfapyridine-o-glucuronide.

The rate at which sulfapyridine is acetylated in the liver is genetically determined. Patients can be readily classified as slow or fast acetylator phenotypes on the basis of the ratio of sulfapyridine and acetylsulfapyridine concentrations in serum or urine. There is also a genetic basis for differentiation of patients according to the rate at which sulfapyridine is hydroxylated. Those subjects who show relative slowness in acetylation and hydroxylation rates may be expected to show higher than normal serum concentration of sulfapyridine after administration of sulfasalazine.

**Distribution and Excretion**

Intact sulfasalazine can be detected in serum within 6 hours after oral administration and between 2 and 10% of a single dose can be recovered as the unchanged molecule from the urine. No detectable sulfasalazine has been found in stools of normal subjects, although up to 7% of an orally administered sulfasalazine dose has been found in the faeces of patients.
having ulcerative colitis. Sulfasalazine and its metabolites excreted in the urine may impart an orange-yellow colour to alkaline urine.

Most of the 5-aminosalicylate moiety formed by bacterial action in the gut is excreted unchanged in the faeces. However, up to 33% of the salicylate absorbed can be recovered in the urine almost entirely as N-acetyl-5-aminosalicylic acid.

Both sulfasalazine and 5-ASA exhibit an affinity for collagen rich tissues. It has been shown that these two entities tend to concentrate primarily in the intestinal wall as well as in the peritoneal, pleural and synovial fluids. There is also evidence that blood borne sulfasalazine can enter the intestinal lumen directly from the serum, for it has been shown by Hannagren et al., (1973) that intravenously administered sulfasalazine concentrates intestinally in rats with ligated bile ducts.

The sulfapyridine formed by cleavage of sulfasalazine during azo-reduction by the intestinal flora is absorbed in the intestinal tract and appears to be evenly distributed in the various body tissues and fluids. About two thirds of the amount of sulfapyridine present in sulfasalazine is excreted in the urine, partially as acetylated or glucuronidated metabolites. The faeces contain sulfapyridine equivalent to approximately 7% of the ingested dose. There is no detectable sulfapyridine in serum 3 days after termination of treatment.

**Protein Binding**
Greater than 95% of absorbed sulfasalazine is bound to serum proteins.

**INDICATIONS**

**Ulcerative Colitis and Crohn's Disease**
Adjunct in the treatment of ulcerative colitis with the usual supportive and dietary measures. For the management of severe, acute attacks of ulcerative colitis, rectal and systemic corticosteroid therapy appears to be clinically superior to sulfasalazine, but sulfasalazine may be more effective than corticosteroids in reducing the number of relapses in patients on maintenance therapy.

In the treatment of active Crohn's disease, especially in patients with colonic involvement.

**Rheumatoid Arthritis**
PYRALIN EN tablets are indicated for rheumatoid arthritis which has failed to respond to non-steroidal anti-inflammatory drugs (NSAIDs).

**CONTRAINDICATIONS**

Haematological, renal or hepatic dysfunction, allergic drug fever or skin eruptions due to sulphonamide derivatives including antibacterial sulphonamides, oral hypoglycaemics and thiazides.

Patients hypersensitive to sulfasalazine, its metabolites, or any other component of the product, sulfonamides, or salicylates.
Intestinal or urinary obstruction.

Patients with porphyria should not receive sulphonamides, as these drugs have been reported to precipitate an acute attack.

Children aged 2 years and younger.

**PRECAUTIONS**

**Serious Infections**

Serious infections associated with myelosuppression, including sepsis and pneumonia, have been reported. Patients who develop a new infection while undergoing treatment with sulfasalazine should be monitored closely. Administration of sulfasalazine should be discontinued if a patient develops a serious infection. Caution should be exercised when considering the use of sulfasalazine in patients with a history of recurring or chronic infections or with underlying conditions which may predispose patients to infections.

**Potential Toxicity**

Deaths associated with the administration of sulfasalazine have been reported, resulting from hypersensitivity reactions, agranulocytosis, aplastic anaemia, renal and liver damage, irreversible neuromuscular and CNS changes, and fibrosing alveolitis. The presence of clinical signs such as sore throat, fever, pallor, purpura or jaundice may be indications of myelosuppression, hepatotoxicity, haemolysis or other serious blood disorders. The patient should be advised to report any untoward symptoms immediately. If serious toxic or hypersensitivity reactions occur, discontinue treatment with sulfasalazine immediately while awaiting the results of blood tests. Urticaria, other skin rashes and serum sickness-like reactions may be controlled with antihistamines and, if necessary, systemic corticosteroids.

**Monitoring for Toxicity**

Sulfasalazine should be administered under constant medical supervision.

Complete blood counts (including differential white cell count) and liver function tests should be performed before starting sulfasalazine tablets and every second week during the first three months of therapy. During the second three months, the same tests should be done once monthly and thereafter once every three months, and as clinically indicated. Assessment of renal function (including urinalysis) should be performed in all patients initially and at least monthly for the first three months of treatment. Thereafter, monitoring should be performed as clinically indicated.

**Hepatic or Renal Impairment and Blood Dyscrasias**

Sulfasalazine should not be given to patients with impaired hepatic or renal function or with blood dyscrasias.

**Hypersensitivity**

Sulfasalazine should be given with caution in patients with severe allergy or bronchial asthma.
Severe hypersensitivity reactions may include internal organ involvement, such as hepatitis, nephritis, myocarditis, mononucleosis-like syndrome (i.e. pseudomononucleosis), haematological abnormalities (including haematophagic histiocytosis), and/or pneumonitis including eosinophilic infiltration.

**Drug Rash with Eosinophilia and Systemic Symptoms (DRESS)**

Severe, life-threatening, systemic hypersensitivity reactions such as drug rash with eosinophilia and systemic symptoms (DRESS) have been reported in patients taking various drugs including sulfasalazine. It is important to note that early manifestations of hypersensitivity, such as fever or lymphadenopathy, may be present even though rash is not evident. If such signs or symptoms are present, the patient should be evaluated immediately. Sulfasalazine should be discontinued if an alternative etiology for the signs or symptoms cannot be established.

**Serious Skin Reactions**

Serious skin reactions, some of them fatal, including exfoliative dermatitis, Stevens-Johnson syndrome, and toxic epidermal necrolysis, have been reported very rarely in association with the use of sulfasalazine. Patients appear to be at highest risk for these events early in the course of therapy, the onset of the event occurring in the majority of cases within the first month of treatment. Sulfasalazine should be discontinued at the first appearance of skin rash, mucosal lesions, or any other sign of hypersensitivity.

**Effects on Folic Acid**

Oral sulfasalazine inhibits the absorption and metabolism of folic acid and may cause folic acid deficiency, potentially resulting in serious blood disorders (e.g. macrocytosis and pancytopenia) and the possibility of harming the foetus during pregnancy (see Use in Pregnancy).

**G-6-PD Deficiency**

Patients with a deficiency of erythrocytic glucose-6-phosphate dehydrogenase (G-6-PD) have been noted to develop haemolytic anaemia during treatment with sulfasalazine (Cohen et al., 1968; Gabor, 1973) and should be closely observed.

**Fluid Intake**

Adequate fluid intake must be maintained in order to reduce the risk of crystalluria and stone formation.

**Patients with Atopic Disease**

Sulfasalazine should be given with caution to patients with history of atopic disease in view of the increased likelihood of hypersensitivity reactions in atopic patients.
**Interactions**

Sulphonamides should be administered with caution to patients receiving other drug therapy (see INTERACTIONS WITH OTHER MEDICINES).

**Reversible Male Infertility**

Several recent reports have suggested that sulfasalazine may cause reversible infertility in males (Grieve, 1979; Levi et al., 1979; Toth, 1979; Traub et al., 1979; Toovey et al., 1981). Sulfasalazine therapy has been associated with a reduction in sperm counts, reduced sperm motility, morphologically abnormal sperm and an increased proportion of immature sperm. The mechanism by which sulfasalazine might affect sperm production is not understood. Until such time as this suggested association can be elucidated, a drug associated cause should be considered when investigating infertility in men taking sulfasalazine. Withdrawal of the drug usually reverses these effects within 2 to 3 months.

**Use in Pregnancy**

Pregnancy Category: A.

Oral sulfasalazine inhibits the absorption and metabolism of folic acid and may cause folic acid deficiency, potentially resulting in serious blood disorders (e.g. macrocytosis and pancytopenia) and the possibility of harming the foetus during pregnancy.

There have been reports of babies with neural tube defects born to mothers who were exposed to sulfasalazine during pregnancy, although the role of sulfasalazine in these defects has not been established. Because the possibility of harm cannot be completely ruled out, sulfasalazine should be used during pregnancy only if clearly needed.

**Use in Lactation**

The amount of sulfasalazine that passes into the maternal milk is negligible, however, the concentration of sulfapyridine in milk is about 40% of that in serum. The risk of kernicterus in breast-fed infants has been assessed as low with therapeutic doses, since sulfapyridine has been shown to have a poor bilirubin displacing capacity.

As with all drugs, sulfasalazine should not be given to nursing mothers unless the expected benefits to the mother outweigh the potential risk to the infant. Caution should be used, particularly if breastfeeding premature infants or those deficient in G-6-PD. There have been reports of bloody stools or diarrhoea in infants of mothers on sulfasalazine who were breastfeeding.

**Paediatric Use**

Use in children with systemic onset juvenile rheumatoid arthritis may result in a serum sickness-like reaction; therefore, sulfasalazine is not recommended in these patients.
Effects on Laboratory Tests

Several reports of possible interference with measurements, by liquid chromatography, of urinary normetanephrine causing a false-positive test result have been observed in patients exposed to sulfasalazine or its metabolite, mesalazine.

INTERACTIONS WITH OTHER MEDICINES

Sulphonamides may potentiate oral anticoagulants, methotrexate, and oral hypoglycaemics of the sulphonylurea type by displacing these drugs from their binding sites.

An increased incidence of gastrointestinal adverse events, especially nausea, has been reported with co-administration of oral sulfasalazine and methotrexate to rheumatoid arthritis patients.

Increased sulphonamide blood levels may occur in patients who are receiving urinary acidifiers, oral anticoagulants, indomethacin or salicylates.

Antacids

Decreased absorption of sulphonamides from the gastrointestinal tract may occur if antacids are given concurrently.

Penicillins

It has been reported that sulphonamides interfere with oral absorption of oxacillin and may inhibit the serum protein binding of penicillins.

Local Anaesthetics Derived from Para-aminobenzoic Acid

Local anaesthetics which are derivatives of para-aminobenzoic acid may antagonise sulphonamide activity.

Digoxin

Reduced absorption of digoxin, resulting in non-therapeutic serum levels, has been reported when used concomitantly with sulfasalazine.

Folic Acid

Folate deficiency may occur as sulfasalazine inhibits the absorption of folate.

Ferrous Sulphate

Ferrous sulphate may impair the absorption of sulfasalazine however, the clinical significance of this interaction is doubtful.

Thiopurine 6-Mercaptopurine or Azathioprine

Due to inhibition of thiopurine methyltransferase (TPMT) by sulfasalazine, bone marrow suppression and leucopenia have been reported when thiopurine 6-mercaptopurine or its prodrug, azathioprine, and oral sulfasalazine were used concomitantly.
ADVERSE EFFECTS

Sulfasalazine shares the toxic potentialities of other sulphonamides, especially sulfapyridine, and the usual precautions of sulphonamide therapy should be observed. Moreover, it may be difficult to evaluate an adverse reaction in the individual case, since several of the untoward symptoms and signs encountered in conjunction with treatment with sulfasalazine may be part of the disease. In assessing liver and joint complications, it should be borne in mind that such are often associated with ulcerative colitis.

The acetylation rate of sulfapyridine is determined by genetic factors. Slow acetylators can be expected to show higher serum levels of sulfapyridine, and thus may show an increased tendency towards adverse reactions.

Many side effects are dose dependent, and the symptoms can often be alleviated by reducing the dosage by greater subdivision of the dose.

The most common side effects are: nausea, vomiting and anorexia (which occur more frequently in patients receiving non-enteric coated sulfasalazine. To minimise the risk of gastrointestinal adverse reactions enteric coated tablets are used, which means that they do not disintegrate until they reach the small intestine); raised temperature; erythema and pruritus; headache; reversible oligospermia (oligospermia and infertility have been described in men treated with sulfasalazine. Withdrawal of the drug will reverse these effects).

The majority of the adverse reactions listed below have only seldom been reported, primarily in treatment of inflammatory bowel diseases and are typical of sulphonamides.

Infections and Infestations
Aseptic meningitis, pseudomembranous colitis.

Blood and Lymphatic System Disorders (see PRECAUTIONS)
Red cell abnormalities (e.g. haemolytic anaemia, macrocytosis), aplastic anaemia, megaloblastic anaemia, pseudomononucleosis*, hypoprophosphobinaemia, methaemoglobinaemia, bone marrow depression with leucopenia (e.g. agranulocytosis, thrombocytopenia), pancytopenia.

Immune System Disorders
Serum sickness.

Hypersensitivity Reactions
Anaphylaxis*/anaphylactoid reactions, periorbital or facial oedema, conjunctival and scleral injection and nephrotic syndrome.

Metabolism and Nutrition Disorders
Anorexia, folate deficiency* (see PRECAUTIONS).

Psychiatric Disorders
Mental depression.
**Nervous System Disorders**
Dizziness#, smell and taste disorders, peripheral neuropathy, headache, peripheral neuritis, convulsions, hallucinations, vertigo, insomnia, transient lesions of posterior column and transverse myelitis, encephalopathy.

**Ear and Labyrinth Disorders**
Tinnitus#.

**Cardiac Disorders**
Myocarditis* (including allergic myocarditis) (see PRECAUTIONS), pericarditis, cyanosis#.

**Vascular Disorders**
Pallor* (see PRECAUTIONS).

**Respiratory, Thoracic and Mediastinal Disorders** (see PRECAUTIONS)
Lung complications (fibrosing alveolitis with e.g. dyspnoea, cough, eosinophilic infiltration), interstitial lung disease*, oropharyngeal pain*.

**Gastrointestinal Disorders**
Gastric distress#, abdominal pain#, nausea, vomiting*, diarrhoea*, pancreatitis, stomatitis, impaired folic acid absorption, aggravation of ulcerative colitis*.

**Hepatobiliary Disorders** (see PRECAUTIONS)
Hepatic failure*, hepatitis fulminant*, hepatitis, jaundice*, hepatitis cholestatic*, cholestasis*.

**Skin and Subcutaneous Tissue Disorders** (see PRECAUTIONS)
Toxic epidermal necrolysis (Lyell's syndrome), erythema multiforme, Stevens-Johnson syndrome, drug rash with eosinophilia and systemic symptoms (DRESS)*, toxic pustuloderma, alopecia, erythema, exanthema, exfoliative dermatitis, angioedema*, lichen planus, photosensitivity, purpura, pruritus, urticaria, generalised skin eruptions.

**Musculoskeletal and Connective Tissue Disorders**
Systemic lupus erythematosus, Sjögren’s syndrome, arthralgia.

**Renal and Urinary Disorders**
Proteinuria#, haematuria#, crystalluria# (see PRECAUTIONS), nephrotic syndrome, interstitial nephritis, nephrolithiasis*.

**Reproductive System**
Reversible oligospermia (see PRECAUTIONS).
**General Disorders**

Fever (see PRECAUTIONS), yellow discolouration of skin and body fluids*, petechiae and drug fever, periarteritis nodosum and LE phenomenon have occurred.

**Investigations**

Induction of autoantibodies, elevation of liver enzymes.

* Adverse effects are possibly dose-related.
* Adverse effects identified post-marketing.

**DOSAGE AND ADMINISTRATION**

**Inflammatory Bowel Disease**

*Oral:* PYRALIN EN tablets (enteric coated) should be given preferably after meals in evenly divided doses over a 24 hour period with no more than 8 hours between overnight doses. The enteric coated tablets should not be crushed or broken.

**Initial Dosage**

**Adults:** 1 to 2 g four times daily.

**Children:** 40 to 60 mg/kg bodyweight daily in three to six divided doses.

**Maintenance Dosage**

**Adults:** 2 g daily in four divided doses.

**Children:** 40 mg/kg bodyweight daily in four divided doses. The daily maintenance dose should be continued unless contraindicated by side effects.

**Rheumatoid Arthritis**

*Oral:* Two PYRALIN EN tablets, two or three times a day, i.e. 2 to 3 g daily. The enteric coated tablets should not be crushed or broken. For adults starting therapy, it is advisable to raise the daily dose according to the following schedule:

**Adults**

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<tr>
<td>Morning</td>
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<td>1 tablet</td>
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<td>2 tablets</td>
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<tr>
<td>Evening</td>
<td>1 tablet</td>
<td>1 tablet</td>
<td>2 tablets</td>
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* etc. to 3 g/day maximum.

**Children:** At present no dosage recommendation regarding treatment with PYRALIN EN tablets in rheumatoid arthritis in children can be given.
OVERDOSAGE

The drug has low acute per oral toxicity in the absence of hypersensitivity. There is evidence that the incidence and severity of toxicity following overdosage are directly related to the total serum sulfapyridine concentration.

Signs and Symptoms

Similar to those of any sulphonamides. The most likely symptoms would be gastrointestinal disturbances (nausea, vomiting and abdominal pain), haematuria, crystalluria or anuria. In more advanced cases, central nervous system symptoms such as drowsiness, convulsions, etc., may be observed. Patients with impaired renal function are at increased risk of serious toxicity. There are no documented reports of deaths due to ingestion of large single doses of sulfasalazine.

Treatment of Overdosage

There is no specific antidote and treatment is symptomatic and supportive. Alkalinize urine (2.5 to 4.0 g of sodium bicarbonate every 4 hours). If kidney function is normal, force fluids. If anuria is present, restrict fluids and salt and treat for renal failure. Sulfasalazine can be removed by haemodialysis. Catheterisation of the ureters may be indicated for complete renal blockage by crystals. For agranulocytosis discontinue the drug immediately, hospitalise the patient and institute appropriate therapy. Patients should be observed for development of methaemoglobinemia or sulphaemoglobinemia. If these occur, treat appropriately.

Contact the Poisons Information Centre on 13 11 26 for advice on the management of an overdose.

PRESENTATION AND STORAGE CONDITIONS

PYRALIN EN Tablets 500 mg

Yellow-orange, elliptical convex, enteric coated tablets; marked with 'KPh' on the one side and '102' on the other side.

These tablets are supplied in bottles of 100 tablets.

Storage

PYRALIN EN tablets should be stored below 25°C.

NAME AND ADDRESS OF THE SPONSOR

Pfizer Australia Pty Ltd
ABN 5000 8422 348
38-42 Wharf Road
WEST RYDE NSW 2114.
POISON SCHEDULE OF THE MEDICINE

Schedule 4 – Prescription Only Medicine.

DATE OF FIRST INCLUSION IN THE AUSTRALIAN REGISTER OF THERAPEUTIC GOODS

27 February 1997.

DATE OF MOST RECENT AMENDMENT

17 September 2013.

® Registered trademark.

References

Munksgaard, Copenhagen, pp 719-730.