Summary of Product Characteristics

1 NAME OF THE MEDICINAL PRODUCT

Diamox SR 250mg Modified Release Hard Capsules

2 QUALITATIVE AND QUANTITATIVE COMPOSITION

Each capsule contains Acetazolamide 250 mg Excipient(s) with known effect: Contains FD + C yellow no. 6 (E110) For the full list of excipients, see section 6.1.

3 PHARMACEUTICAL FORM

Modified-release capsule.

Hard shell capsule with clear body and orange cap, containing orange spherical pellets. Capsules are printed GS 250 in black.

4 CLINICAL PARTICULARS

4.1 Therapeutic indications

It is indicated in the treatment of glaucoma.

4.2 Posology and method of administration

Posology

Adults:

One or two 250mg capsules a day.

Paediatric population

This product is not intended for administration to children.

Older people:

Diamox SR should be used with particular caution in older people or those with potential obstruction in the urinary tract or with disorders rendering their electrolyte balance precarious or with liver dysfunction.

Renal impairment:

In patients with moderate to severe renal impairment, the dose should be reduced by half or the dosage interval should be increased to every 12 hours.

4.3 Contraindications

Hypersensitivity to the active substance or to any of the excipients listed in section 6.1.

Diamox SR therapy is contra-indicated in cases of marked kidney disease or dysfunction suprarenal gland failure, and hyperchloraemic acidosis. Diamox should not be used in patients with liver disease or impairment of liver function including cirrhosis as this may increase the risk of hepatic encephalopathy. Diamox is contraindicated in patients with hypokalaemia and hyponatraemia.

Long term administration of Diamox SR is contra-indicated in patients with chronic non-congestive angle-closure glaucoma since it may permit organic closure of the angle to occur while the worsening glaucoma is masked by lowered intraocular pressure.

Diamox SR should not be used in patients hypersensitive to sulphonamide or other sulphonamide derivatives.

4.4 Special warnings and precautions for use

17 January 2024 CRN00DZ9Q Page 1 of 7

Risk of suicide

Suicidal ideation and behaviour have been reported in patients treated with anti-epileptic agents in several indications. A meta-analysis of randomised placebo controlled trials of anti-epileptic drugs has also shown a small increased risk of suicidal ideation and behaviour. The mechanism of this risk is not known and the available data do not exclude the possibility of an increased risk for Acetazolamide.

Therefore patients should be monitored for signs of suicidal ideation and behaviours and appropriate treatment should be considered. Patients (and caregivers of patients) should be advised to seek medical advice should signs of suicidal ideation or behaviour emerge.

Abnormal sensation

Increasing the dose does not increase the diuresis and may increase the incidence of drowsiness and / or paraesthesia.

Long term therapy

When Diamox SR is prescribed for long-term therapy, special precautions are advisable. The patient should be cautioned to report any unusual skin rash. Prior to initiating therapy and at regular intervals during therapy, monitoring of blood cell counts and electrolyte levels are recommended. Fatalities have occurred, although rarely, due to severe reactions to sulphonamides including acetazolamide, such as Stevens-Johnson syndrome and toxic epidermal necrolysis, fulminant hepatic necrosis, agranulocytosis, aplastic anaemia and other blood dyscrasias and anaphylaxis. A precipitous drop in formed blood cell elements or the appearance of toxic skin manifestations should call for immediate cessation of Diamox SR therapy.

Hypersensitivity

Hypersensitivity reactions may recur if a sulphonamide or sulphonamide derivative is re-administered, irrespective of the route of administration. If signs of hypersensitivity reactions or other serious reactions occur, acetazolamide must be discontinued.

Electrolyte disorder

Acetazolamide treatment may cause electrolyte imbalances, including hyponatraemia and hypokalaemia, as well as metabolic acidosis. Therefore, periodic monitoring of serum electrolytes is recommended. Particular caution is recommended in patients with conditions that are associated with, or predispose to, electrolyte and acid/bases imbalances, such as patients with impaired renal function (including elderly patients), pulmonary obstruction, emphysema, patients with diabetes mellitus and patients with impaired alveolar ventilation.

Glycaemic disorders

Both increased and decreases in blood glucose levels have been described in patients treated with acetazolamide. This should be taken into consideration in patients with impaired glucose tolerance or diabetes mellitus.

Kidney stones

In patients with a past history of renal calculi, benefit should be balanced against the risks of precipitating further calculi.

The occurrence at the treatment initiation of a feverish generalized erythema associated with pustula may be a symptom of acute generalised exanthematous pustulosis (AGEP) (See section 4.8). In case of AGEP diagnosis, acetazolamide should be discontinued and any subsequent administration of acetazolamide contraindicated.

Cases of choroidal effusion/detachment have been reported after the use of acetazolamide. Symptoms include acute onset of decreased visual acuity or ocular pain and can occur within hours after initiation of acetazolamide treatment. If choroidal effusion/detachment is suspected, acetazolamide should be discontinued as rapidly as possible.

Diamox SR 250mg capsules contains sunset yellow FCF (E110) which may cause allergic reactions.

Information on Sodium Content

This medicine contains less than 1 mmol sodium (23 mg) per dose, that is to say essentially 'sodium-free'.

4.5 Interaction with other medicinal products and other forms of interaction

Diamox SR is a sulphonamide derivative. Sulphonamides may potentiate the effects of folic acid antagonists. Possible potentiation of the effects of folic acid antagonists, hypoglycaemics and oral anti-coagulants may occur. Concurrent administration of acetazolamide and acetylsalicylic acid may result in severe toxicity and increase central nervous system toxicity. Adjustments of dose may be required when Diamox SR is given with cardiac glycosides or hypertensive agents.

17 January 2024 CRN00DZ9Q Page 2 of 7

When given concomitantly Dimaox SR modifies the metabolism of phenytoin leading to increased serum levels of phenytoin. Severe osteomalacia has been noted in a few patients taking acetazolamide in combination with other anticonvulsants. There have been isolated reports of reduced primidone and increased carbamazepine serum levels with concurrent administration of acetazolamide.

Concomitant use with other carbonic anhydrase inhibitors is not advisable because of possible additive effects.

Both increases and decreases in blood glucose levels have been described in patients with acetazolamide. This should be taken into consideration in patients treated with anti-diabetic agents.

By increasing the pH of renal tubular urine, acetazolamide reduces the urinary excretion of amphetamine and quinidine and so may enhance the magnitude and duration of the effect of amphetamines and enhance the effect of quinidine.

By increasing the pH of urine, acetazolamide may prevent the urinary excretion of methenamine compounds.

Acetazolamide increases lithium excretion due to impaired re-absorption of lithium in the proximal tubule. The effect of lithium carbonate may be decreased.

The use of concurrent sodium bicarbonate therapy enhances the risk of renal calculus formulation in patients taking acetazolamide.

When given concomitantly, acetazolamide may elevate cyclosporine blood levels. Caution is advised when administrating acetazolamide in patients receiving cyclosporine.

Interference with Laboratory and other Diagnostic Tests: Sulphonamides may give false negative or decreased values for urinary phenolsulphonphthalein and phenol red elimination values for urinary protein, serum non-protein and for serum uric acid. Acetazolamide may produce an increased level of crystals in the urine.

Acetazolamide interferes with the HPLC method of assay for theophylline. Interference with the theophylline assay by acetazolamide depends on the solvent used in the extraction; acetazolamide may not interfere with other assay methods for theophylline.

4.6 Fertility, pregnancy and lactation

Pregnancy:

Acetazolamide has been reported to be teratogenic (defects of the limbs) and embryotoxic in rats, mice, hamsters and rabbits at oral or parenteral doses in excess of ten times those recommended in human beings. Although there is no evidence of these effects in human beings, there are no adequate and well-controlled studies in pregnant women. Therefore, Diamox SR should not be used in pregnancy, especially during the first trimester.

Breast-feeding:

Diamox SR has been detected in low levels in the milk of lactating women who have taken Diamox SR. Although it is unlikely that this will lead to any harmful effects in the infant, extreme caution should be exercised when Diamox SR is administered to lactating women.

Fertility:

No Data available

4.7 Effects on ability to drive and use machines

Diamox has major influence on the ability to drive and use machines.

Some adverse reactions to acetazolamide, such as drowsiness, fatigue and myopia, may impair the ability to drive and operate machinery.

4.8 Undesirable effects

The following undesirable effects have been reported in treatment with acetazolamide.

Undesirable effects are listed by MedDRA System Organ Classes.

17 January 2024 CRN00DZ9Q Page 3 of 7

Adverse reactions are ranked by frequency of occurrence, using the following convention: very common (> 1/10); common ($\geq 1/100$ to < 1/10); uncommon ($\geq 1/1,000$ to < 1/100); rare ($\geq 1/10,000$); very rare (< 1/10,000); not known (cannot be estimated from available information).

Blood and lymphatic system disorders	System organ Class	Frequency	Adverse effects
Blood and lymphatic system disorders		1	
Blood and lymphatic system disorders Not known - leukopenia, aplastic anaemia, bone marrow depression, pancytopenia - leukopenia, aplastic anaemia, '- leukorolic acidosis' - leukotrolic imbalance' - leukotrolic imbalance' - leukotrolic imbalance' - leukotrolic imbalance' - leukorolic imbalance' - leukotrolic imbalance' - leukotr			1 7 7
Blood and lymphatic system disorders Not known			· ·
Endocrine disorders Not Known Paparytopenia - hyperglycaemia* - hypoglycaemia* - hypoglycaemia* - hypoglycaemia* - hypoglycaemia* - hypoglycaemia* - hypoglycaemia* - hypokalaemia*, *** - hyponatraemia* - decreased appetite - depression - loss of libido - paraesthesia - peripheral coldness - headache - dizziness - agitation - ataxia - somnolence - confusional state - paralysis flaccid - convulsion - myopia*** - hearing impaired - timitus Gastrointestinal disorders Not known Rare Rare - Paptitis - jaundice cholestalic - hepatic necrosis**** Rare - photosensitivity reaction Not known - Stevens-Johnson Syndrome - toxic epidermal necrolysis) - acute generalised exanthematous pustulosis (AGEP) Musculoskeletal and connective tissue disorders Not known - rathralgia - polyuria - hearting impaired - timitus - rash, - erythema multiforme, - Stevens-Johnson Syndrome - toxic epidermal necrolysis) - acute generalised exanthematous pustulosis (AGEP) - polyuria - heamsturia	Blood and lymphatic system disorders	Not known	1
Endocrine disorders Not Known Poperglycaemia* - hypoglycaemia* - hypoglycaemia* - hypoplycaemia* - hypoplycaemia* - hypoplacaemia* - hypopathaemia* - hypopathaemia* - hypopathaemia* - hypopathaemia* - hypopathaemia* - decreased appetite - depression - loss of libido - paraesthseia - peripheral coldness - headache - dizizness - agitation - ataxia - somnolence - confusional state - paralysis flaccid - convulsion - myopia*** - hypothatric disorders Not known Not known Pe disorders Not known Not known Pe disorders Not known - horoidal defusion - choroidal effusion - choroidal defachment - heraing impaired - tinnitus - dysgeusia - nausea - womitting - distrinea - melaena - hematochezia - hematochezia - hematochezia - hematochezia - hematochezia - hepatitis - jaundice cholestatic - hepatitis - peripheral acudhesa - rash, - erythema multiforme, - Stevens - Johnson Syndrome - toxic geldermal necrolysis) - acute generalised exanthematous pustulosis (AGEP) - mentoria	production by the product of the production of t	Trockinowii	· ·
Endocrine disorders Not Known Psychiatric disorders Not Known			1 ·
Endocrine disorders Not Known Pupperlycaemia* - hypoglycaemia* - hypoglaemia* - hypogl			•
Endocrine disorders Not Known			
Metabolism and nutrition disorders Not Known Phypokalaemia*, **	Endocrine disorders	Not Known	, , , , , , , , , , , , , , , , , , ,
Metabolism and nutrition disorders		+	
Metabolism and nutrition disorders Not Known '- hypokalaemia*, ** - hyponatraemia* - decreased appetite Psychiatric disorders Not known '- depression - loss of libido Psychiatric disorders Not known '- loss of libido Psychiatric disorders Paraesthesia - peripheral coldness - headache - dizziness - agitation - ataxia - somnolence - confusional state - paralysis flaccid - convulsion Nervous system disorders Not known '- loss of libido Eye disorders Not known '- loss of libido Eye disorders Not known '- loss of libido Ear and labyrinth disorders Not known '- loss of libido Ear and labyrinth disorders Not known '- loss of libido Gastrointestinal disorders Not known '- loss of libido Hepatobiliary disorders Not known '- loss of libido Rare - loss of libido - loss of libido Particular - loss of libido - loss of libido - lost of libido - lost of lost efficient - lost of libido - lost of libido - lost of libido - lost of libido - lost of libido - lost of libido - lost of libido - lost of libido <t< td=""><td></td><td></td><td></td></t<>			
Psychiatric disorders Not known Peripheral coldness Pheadache Paizuziness Pagitation Pataka Paralysis flaccid Paralysis flaccid Paralysis flaccid Potorovidal effusion Potorovidal defactment Potorovidal effusion Potorovidal effusion Potorovidal defactment Potorovidal effusion Potorovid	Matabaliana and mutuitian disaudana	Not Known	1
Psychiatric disorders Not known Nervous system disorders Not Known Nervous system disorders Not Known Not Known Not Known Psy disorders Not known Psy disorders Not known Te and labyrinth disorders Rare Hepatobiliary disorders Rare Rare Rare Rare Rare Rare Not known Skin and subcutaneous tissue disorders Not known No	Metabolism and nutrition disorders	Not Known	1 7 7
Psychiatric disorders Not known - depression - loss of libido - loss of libido - loss of libido - loss of libido - paraesthesia - peripheral coldness - headache - dizziness - dizziness - agitation - ataxia - somnolene - confusional state - paralysis flaccid - convulsion - choroidal effusion - choroidal detachment - choroidal detachment - hearing impaired - tinnitus - dispression - ausea - vomiting - diarrhoea - myopia** - nausea - vomiting - diarrhoea - meantochezia - nausea - vomiting - diarrhoea - meantochezia - hematochezia - hepatitis - jaundice cholestatic - hepatic necrosis**** Rare			1 7 7
Nervous system disorders Not Known Nervous system disorders Not Known Nervous system disorders Not Known Eye disorders Not known Eye disorders Not known Rar and labyrinth disorders Not known Rare Hepatobiliary disorders Not known Skin and subcutaneous tissue disorders Musculoskeletal and connective tissue disorders Not known Not known Not known Not known Not known Rare Not known Not known Not known Rare Photosensitivity reaction Not known - Indicaria, - rash, - erythema multiforme, - Stevens-Johnson Syndrome - toxic epidermal necrolysis) - acute generalised exanthematous pustulosis (AGEP) Musculoskeletal and connective tissue disorders Not known Not known Not known Not known And the known - peripheral coldness - headache - dizzines - agitation - ataxia - somnolence - confusional state - parlysis flaccid - convulsion - thoroidal detachment - hearing impaired - tinnitus - dysgeusia - nausea - vomiting - diarrhoea - melaena - hematochezia - hepatitis - jaundice cholestatic - hepatic necrosis**** - photosensitivity reaction - urticaria, - rash, - erythema multiforme, - Stevens-Johnson Syndrome - toxic epidermal necrolysis) - acute generalised exanthematous pustulosis (AGEP)		1	
I	Psychiatric disorders	Not known	· ·
Peripheral coldness		TVOC KITOWIT	
Nervous system disorders Not Known Not Known Not Known Not Known Eye disorders Not known Eye disorders Not known Amaiguatiation - adaxia - somnolence - confusional state - paralysis flaccid - convulsion - choroidal effusion - choroidal detachment - hearing impaired - tinnitus - dysgeusia - nausea - vomiting - diarrhoea - melaena - hematochezia Hepatobiliary disorders Rare Rare Not known Not known Not known Not known - photosensitivity reaction Not known - urticaria, - rash, - erythema multiforme, Stevens-Johnson Syndrome - toxic epidermal necrolysis) - acute generalised exanthematous pustulosis (AGEP) Musculoskeletal and connective tissue disorders Not known Not known - polyuria - polyuria - polyuria - polyuria - polyuria		1	1 ·
Nervous system disorders Not Known Not Known Pagitation - ataxia - somnolence - confusional state - paralysis flaccid - convulsion To evaluation - choroidal effusion - choroidal detachment - hearing impaired - tinnitus - disygeusia - nausea - vomiting - diarrhoea - melaena - hematochezia Rare Rare Rare Rare Rare Not known Rare Not known Rare Not known Not known Rare Not known Not known Not known Not known Not known - choroidal effusion - choroidal detachment - hearing impaired - tinnitus - diarrhoea - melaena - hematochezia - hepatitis - jaundice cholestatic - hepatic necrosis**** - photosensitivity reaction - rash, - rash, - erythema multiforme, - Stevens-Johnson Syndrome - toxic epidermal necrolysis) - acute generalised exanthematous pustulosis (AGEP) Musculoskeletal and connective tissue disorders Not known Not known - plyuria - polyuria - polyuria - heamaturia			1
Net Known - agitation - ataxia - somnolence - confusional state - paralysis flaccid - convulsion - choroidal effusion - choroidal effusion - choroidal detachment - tinnitus - diarrhoea - maleana - hematochezia - melaena - hematochezia - melaena - hematochezia - hepatici necrosis**** Rare - hepaticis - jaundice cholestatic - hepatic necrosis**** Rare - photosensitivity reaction Not known - urticaria, - rash, - erythema multiforme, - Stevens-Johnson Syndrome - toxic epidermal necrolysis) - acute generalised exanthematous pustulosis (AGEP) Musculoskeletal and connective tissue disorders - Not known - arthralgia - polyuria - hematoria - melaena - hematochezia - hematochezia - melaena - hematochezia - hepatic necrosis**** Not known - arthralgia - acute generalised exanthematous pustulosis (AGEP) Musculoskeletal and connective tissue disorders - Not known - arthralgia - polyuria - hematuria			
Not known Eye disorders Not known Eye disorders Not known Eye disorders Not known Ear and labyrinth disorders Not known Gastrointestinal disorders Not known Rare Rare Rare Rare Rare Rare Rare Rare Rare Photosensitivity reaction Not known Rare Photosensitivity reaction Not known Not known Not known Rare Rare Photosensitivity reaction Not known Photosensitivity reaction Not known - ataxia - ataxia - somnolence - confusional - topioinal - choroidal effusion - choroidal detachment - hearing impaired - tinnitus - dysgeusia - nausea - vomiting - diarrhoea - melaena - hematochezia - hepatitis - jaundice cholestatic - hepatic necrosis**** - photosensitivity reaction - urticaria, - rash, - erythema multiforme, - Stevens-Johnson Syndrome - toxic epidermal necrolysis) - acute generalised exanthematous pustulosis (AGEP) Musculoskeletal and connective tissue disorders Not known Not known Pholyuria - ataxia - ataxia - ataxia - ataxia - prapalysis flaccid - convulsion - hearing impaired - tinnitus - hearing impai			- dizziness
- ataxia - somnolence - confusional state - paralysis flaccid - convulsion In myopia*** - choroidal effusion - choroidal detachment - hearing impaired - tinnitus Gastrointestinal disorders Not known Rare Rare Rare Rare Rare Rare - photosensitivity reaction Not known Rare - photosensitivity reaction Not known Rare - erythema multiforme, - rash, - erythema multiforme, - Stevens-Johnson Syndrome - toxic epidermal necrolysis) - acute generalised exanthematous pustulosis (AGEP) Musculoskeletal and connective tissue disorders Not known Not known Not known - arthralgia - polyuria - heamaturia	Noncora protono die analana	Not Known	- agitation
Confusional state Paralysis flaccid Poralysis flaccid Pora	Nervous system disorders		- ataxia
- paralysis flaccid			- somnolence
Eye disorders Not known Far and labyrinth disorders Bastrointestinal disorders Rare Rare Rare Rare Rare Rare Photosensitivity reaction Not known Skin and subcutaneous tissue disorders Musculoskeletal and connective tissue disorders Potential connective tissue disorders Not known Potential connective tissue disorders Not known Potential convolved - myopia*** - hororiodal detachment - hearing impaired - tinnitus - dysgeusia - nausea - vomiting - diarrhoea - melaena - hematochezia - hepatitis - jaundice cholestatic - hepatic necrosis**** - photosensitivity reaction Not known - urticaria, - rash, - erythema multiforme, - Stevens-Johnson Syndrome - toxic epidermal necrolysis) -acute generalised exanthematous pustulosis (AGEP) Musculoskeletal and connective tissue disorders Not known Poplyuria - poplyuria - poplyuria - haematuria			- confusional state
Eye disorders Not known Far and labyrinth disorders Bastrointestinal disorders Rare Rare Rare Rare Rare Rare Photosensitivity reaction Not known Skin and subcutaneous tissue disorders Musculoskeletal and connective tissue disorders Potential connective tissue disorders Not known Potential connective tissue disorders Not known Potential convolved - myopia*** - hororiodal detachment - hearing impaired - tinnitus - dysgeusia - nausea - vomiting - diarrhoea - melaena - hematochezia - hepatitis - jaundice cholestatic - hepatic necrosis**** - photosensitivity reaction Not known - urticaria, - rash, - erythema multiforme, - Stevens-Johnson Syndrome - toxic epidermal necrolysis) -acute generalised exanthematous pustulosis (AGEP) Musculoskeletal and connective tissue disorders Not known Poplyuria - poplyuria - poplyuria - haematuria			- paralysis flaccid
Eye disorders Rot known - choroidal effusion - choroidal detachment - hearing impaired - tinnitus - innitus - dysgeusia - nausea - vomiting - diarrhoea - melaena - hematochezia - hepatitis - jaundice cholestatic - hepatic necrosis**** - photosensitivity reaction Not known Skin and subcutaneous tissue disorders Mot known Skin and subcutaneous tissue disorders Musculoskeletal and connective tissue disorders Not known Not known Not known - arthralgia - polyuria - namaturia			
Eye disorders Rot known - choroidal effusion - choroidal detachment - hearing impaired - tinnitus - innitus - dysgeusia - nausea - vomiting - diarrhoea - melaena - hematochezia - hepatitis - jaundice cholestatic - hepatic necrosis**** - photosensitivity reaction Not known Skin and subcutaneous tissue disorders Mot known Skin and subcutaneous tissue disorders Musculoskeletal and connective tissue disorders Not known Not known Not known - arthralgia - polyuria - namaturia			- myopia***
- choroidal detachment - hearing impaired - tinnitus - dysgeusia - nausea - vomiting - diarrhoea - melaena - hematochezia Hepatobiliary disorders Rare - photosensitivity reaction Not known Rare - photosensitivity reaction - urticaria, - rash, - erythema multiforme, - Stevens-Johnson Syndrome - toxic epidermal necrolysis) - acute generalised exanthematous pustulosis (AGEP) Musculoskeletal and connective tissue disorders Not known Not known - arthralgia - polyuria - polyuria - haematuria	Eye disorders	Not known	
Ear and labyrinth disorders Not known And whown And			
Far and labyrinth disorders Solve thrown Gastrointestinal disorders Not known Not known Not known Rare Rare Rare Photosensitivity reaction Not known Not known Not known Skin and subcutaneous tissue disorders Mot known Not known Not known Not known Not known Not known Arash, erythema multiforme, Stevens-Johnson Syndrome toxic epidermal necrolysis) acute generalised exanthematous pustulosis (AGEP) Musculoskeletal and connective tissue disorders Not known Not known Poplyuria			
Gastrointestinal disorders Not known Pare Rare Rare Rare Rare Photosensitivity reaction Not known Skin and subcutaneous tissue disorders Rare Not known Not known Not known Auticaria, - rash, - erythema multiforme, - Stevens-Johnson Syndrome - toxic epidermal necrolysis) - acute generalised exanthematous pustulosis (AGEP) Musculoskeletal and connective tissue disorders Not known Not known Not known Auticaria, - rash, - erythema multiforme, - Stevens-Johnson Syndrome - toxic epidermal necrolysis) - acute generalised exanthematous pustulosis (AGEP) Not known Renal and urinary disorders Not known Authralgia - polyuria - haematuria	Ear and labyrinth disorders	Not known	
Fastrointestinal disorders Not known - nausea - vomiting - diarrhoea - melaena - hematochezia Rare Rare - photosensitivity reaction Not known - rash, - erythema multiforme, - Stevens-Johnson Syndrome - toxic epidermal necrolysis) - acute generalised exanthematous pustulosis (AGEP) Musculoskeletal and connective tissue disorders Not known Not known - nausea - vomiting - diarrhoea - hematochezia - hepatitis - jaundice cholestatic - hepatic necrosis**** - photosensitivity reaction - urticaria, - rash, - erythema multiforme, - Stevens-Johnson Syndrome - toxic epidermal necrolysis) - acute generalised exanthematous pustulosis (AGEP) Musculoskeletal and connective tissue disorders Not known - arthralgia - polyuria - haematuria	Gastrointestinal disorders	Not known	
Gastrointestinal disorders Not known - vomiting - diarrhoea - melaena - hematochezia Rare Rare - hepatitis - jaundice cholestatic - hepatic necrosis**** - photosensitivity reaction Not known Not known - urticaria, - rash, - erythema multiforme, - Stevens-Johnson Syndrome - toxic epidermal necrolysis) - acute generalised exanthematous pustulosis (AGEP) Musculoskeletal and connective tissue disorders Not known Not known - arthralgia - polyuria - haematuria			
- diarrhoea - melaena - hematochezia Rare - hepatitis - jaundice cholestatic - hepatic necrosis**** Rare - photosensitivity reaction Not known - urticaria, - rash, - erythema multiforme, - Stevens-Johnson Syndrome - toxic epidermal necrolysis) - acute generalised exanthematous pustulosis (AGEP) Musculoskeletal and connective tissue disorders Not known - arthralgia - polyuria - hematuria			
- melaena - hematochezia Rare - hepatitis - jaundice cholestatic - hepatic necrosis**** Rare - photosensitivity reaction Not known - urticaria, - rash, - erythema multiforme, - Stevens-Johnson Syndrome - toxic epidermal necrolysis) - acute generalised exanthematous pustulosis (AGEP) Musculoskeletal and connective tissue disorders Not known - arthralgia - polyuria - haematuria			1
- hematochezia Rare - hepatitis - jaundice cholestatic - hepatic necrosis**** Rare - photosensitivity reaction Not known - urticaria, - rash, - erythema multiforme, - Stevens-Johnson Syndrome - toxic epidermal necrolysis) - acute generalised exanthematous pustulosis (AGEP) Musculoskeletal and connective tissue disorders Not known - arthralgia Renal and urinary disorders Not known - haematuria			
Rare - hepatitis - jaundice cholestatic - hepatic necrosis**** Rare - photosensitivity reaction Not known - urticaria, - rash, - erythema multiforme, - Stevens-Johnson Syndrome - toxic epidermal necrolysis) - acute generalised exanthematous pustulosis (AGEP) Musculoskeletal and connective tissue disorders Not known - arthralgia Renal and urinary disorders Not known - haematuria			
Hepatobiliary disorders Rare - photosensitivity reaction Not known - urticaria, - rash, - erythema multiforme, - Stevens-Johnson Syndrome - toxic epidermal necrolysis) - acute generalised exanthematous pustulosis (AGEP) Musculoskeletal and connective tissue disorders Not known - arthralgia - polyuria - haematuria		Rare	
Rare - photosensitivity reaction Not known - urticaria, - rash, - erythema multiforme, - Stevens-Johnson Syndrome - toxic epidermal necrolysis) - acute generalised exanthematous pustulosis (AGEP) Musculoskeletal and connective tissue disorders Not known - arthralgia - polyuria Renal and urinary disorders Not known - haematuria		Raic	
Rare - photosensitivity reaction Not known - urticaria, - rash, - erythema multiforme, - Stevens-Johnson Syndrome - toxic epidermal necrolysis) - acute generalised exanthematous pustulosis (AGEP) Musculoskeletal and connective tissue disorders Not known - arthralgia - polyuria Renal and urinary disorders Not known - haematuria	Hepatobiliary disorders		
Skin and subcutaneous tissue disorders Not known - urticaria, - rash, - erythema multiforme, - Stevens-Johnson Syndrome - toxic epidermal necrolysis) - acute generalised exanthematous pustulosis (AGEP) Musculoskeletal and connective tissue disorders Not known Renal and urinary disorders Not known Not known - photosensitivity reaction - urticaria, - rash, - erythema multiforme, - Stevens-Johnson Syndrome - toxic epidermal necrolysis) - acute generalised exanthematous pustulosis (AGEP) Not known - polyuria - polyuria - haematuria			- Hepatic Hecrosis
Skin and subcutaneous tissue disorders Not known - urticaria, - rash, - erythema multiforme, - Stevens-Johnson Syndrome - toxic epidermal necrolysis) - acute generalised exanthematous pustulosis (AGEP) Musculoskeletal and connective tissue disorders Not known Renal and urinary disorders Not known Not known - photosensitivity reaction - urticaria, - rash, - erythema multiforme, - Stevens-Johnson Syndrome - toxic epidermal necrolysis) - acute generalised exanthematous pustulosis (AGEP) Not known - polyuria - polyuria - haematuria		Rare	
Skin and subcutaneous tissue disorders - urticaria, - rash, - erythema multiforme, - Stevens-Johnson Syndrome - toxic epidermal necrolysis) -acute generalised exanthematous pustulosis (AGEP) Musculoskeletal and connective tissue disorders Not known - arthralgia - polyuria - polyuria - haematuria		Naie	- photosensitivity reaction
Skin and subcutaneous tissue disorders - urticaria, - rash, - erythema multiforme, - Stevens-Johnson Syndrome - toxic epidermal necrolysis) -acute generalised exanthematous pustulosis (AGEP) Musculoskeletal and connective tissue disorders Not known - arthralgia - polyuria - polyuria - haematuria	Skip and subsutaneous tissue disorders	Not known	
- erythema multiforme, - Stevens-Johnson Syndrome - toxic epidermal necrolysis) - acute generalised exanthematous pustulosis (AGEP) Musculoskeletal and connective tissue disorders Not known Renal and urinary disorders Not known Not known Not known - haematuria		I NOT KITOWII	- urticaria,
- erythema multiforme, - Stevens-Johnson Syndrome - toxic epidermal necrolysis) -acute generalised exanthematous pustulosis (AGEP) Musculoskeletal and connective tissue disorders Not known - arthralgia - polyuria - polyuria - haematuria		1	- rash,
- Stevens-Johnson Syndrome - toxic epidermal necrolysis) -acute generalised exanthematous pustulosis (AGEP) Musculoskeletal and connective tissue disorders Not known - arthralgia - polyuria - polyuria - haematuria	Skin and Subcutaneous tissue disorders	1	- erythema multiforme,
- toxic epidermal necrolysis) -acute generalised exanthematous pustulosis (AGEP) Musculoskeletal and connective tissue disorders Not known - arthralgia - polyuria Renal and urinary disorders Not known - haematuria		1	1 -
-acute generalised exanthematous pustulosis (AGEP) Musculoskeletal and connective tissue disorders Not known - arthralgia - polyuria - polyuria - haematuria		1	I
Renal and urinary disorders			
Renal and urinary disorders	Musculoskeletal and connective tissue disorders	Not known	- arthralgia
Renal and urinary disorders Not known - haematuria			
,	Renal and urinary disorders	Not known	1
i I = UIVCONIUA			- glycosuria

17 January 2024 CRN00DZ9Q Page 4 of 7

Health Products Regulatory Authority		
		- crystalluria
		- calculus formation
		- renal colic
		- renal injury
		- renal failure
		- nephrolithiasis****
General disorders and administration site conditions	Not known	- anaphylactic reaction
		- pyrexia
		- flushing
		- fatigue
		- thirst
		- irritability
Investigations	Not known	- liver function test abnormal

^{*} May occasionally occur during long term therapy.

Reporting of suspected adverse reactions

Reporting suspected adverse reactions after authorisation of the medicinal product is important. It allows continued monitoring of the benefit/risk balance of the medicinal product. Healthcare professionals are asked to report any suspected adverse reactions via

HPRA Pharmacovigilance Website: www.hpra.ie

4.9 Overdose

Symptoms

Electrolyte imbalance, development of an acidotic state and central nervous effects might be expected to occur.

Management

No specific antidote.

Treatment should be symptomatic and supportive.

Serum electrolyte levels, (particularly potassium) and blood pH should be monitored.

Supportive measures are required to restore electrolyte and pH balance. The acidotic state can usually be corrected by the administration of bicarbonate.

Despite its high intra-erythrocytic distribution and plasma protein binding properties, acetazolamide is dialyzable. This may be particularly important in the management of acetazolamide overdosage when complicated by the presence of renal failure.

5 PHARMACOLOGICAL PROPERTIES

5.1 Pharmacodynamic properties

Pharmacotherapeutic group: Carbonic anhydrase inhibitors, ATC code: S01EC01

Mechanism of action

Acetazolamide is a potent inhibitor of the enzyme carbonic anhydrase; the enzyme that catalyses the reversible reaction involving the hydration of carbon dioxide and the dehydration of carbonic acid. In the eye, this inhibitory action of acetazolamide decreases the secretion of the aqueous humor and results in a drop of intraocular pressure and is thus used to treat glaucoma.

5.2 Pharmacokinetic properties

Absorption

Diamox SR is a sustained release formulation designed to obtain a smooth and continuous clinical response.

17 January 2024 CRN00DZ9Q Page 5 of 7

^{**} Generally transient and rarely clinically significant.

^{***}Transient myopia. This condition invariably subsides upon diminution or withdrawal of the medication.

^{****} Fulminant.

^{*****}Long - term therapy with acetazolamide increases the risk of nephrolithiasis.

The onset, peak and duration of action are 2h, 3-6h and 18-24h respectively.

Distribution

In humans, 90-95% of acetazolamide in the blood binds to plasma proteins as well as to the enzyme carbonic anhydrase. The drug begins to accumulate in tissues in which this enzyme is present notably red blood cells and the renal cortex.

Biotransformation

Is not metabolised.

Elimination

Acetazolamide follows a two-compartment pharmacokinetic model. The first phase has an alpha half life of 16h and a 10-12h elimination half-life.

Renal clearance of unbound acetazolamide correlates well with creatinine clearance.

Is excreted by tubular secretion. 47% of the dose is excreted within 24 hours.

5.3 Preclinical safety data

Nothing of note to the prescriber.

6 PHARMACEUTICAL PARTICULARS

6.1 List of excipients

Film coated pellets:

Microcrystalline cellulose

Sodium laurilsulfate

Ethyl cellulose

Hydroxypropylmethyl cellulose

Paraffin, light liquid

Pigment Blend PB-230005 Orange [hydroxyl propyl cellulose, titanium dioxide and

FD&C Yellow #6/Sunset yellow FCF aluminium lake (15 - 18% grade), Talc and

FD&C Yellow #6/Sunset.Yellow FCF aluminium lake (38 – 42% grade)].

Capsule shells:

Gelatin

Titanium dioxide (E171)

Yellow iron oxide (E172)

Erythrosine (E127)

6.2 Incompatibilities

Not applicable.

6.3 Shelf life

3 years.

6.4 Special precautions for storage

Do not store above 30°C.

Store in the original package. Keep the blisters in the outer carton.

6.5 Nature and contents of container

Blister Packs: 28 or 30 capsules/pack.

17 January 2024 CRN00DZ9Q Page 6 of 7

Opaque UPVC/PVDC blister pack.

Not all pack sizes may be marketed.

6.6 Special precautions for disposal of a used medicinal product or waste materials derived from such medicinal product and other handling of the product

No special requirements for disposal.

Any unused product or waste material should be disposed of in accordance with local requirements.

7 MARKETING AUTHORISATION HOLDER

Amdipharm Limited Temple Chambers 3 Burlington Road Dublin 4 Ireland

8 MARKETING AUTHORISATION NUMBER

PA1142/020/001

9 DATE OF FIRST AUTHORISATION/RENEWAL OF THE AUTHORISATION

Date of first authorisation: 20 March 1992 Date of last renewal: 20 March 2007

10 DATE OF REVISION OF THE TEXT

January 2024

17 January 2024 CRN00DZ9Q Page 7 of 7