

**SUMMARY OF PRODUCT CHARACTERISTICS**

<b>1.</b>	<b>Name of the Medical Product</b>
	<b>1.1 Product Name : Telmiclar 40 (Telmisartan Tablets USP 40 mg) Telmiclar 80 (Telmisartan Tablets USP 80 mg)</b>
	<b>1.2 Strength :</b> <b>Telmiclar 40 (Telmisartan Tablets USP 40 mg)</b> Each uncoated tablet contains: Telmisartan USP            40 mg Excipients                    q.s.  <b>Telmiclar 80 (Telmisartan Tablets USP 80 mg)</b> Each uncoated tablet contains: Telmisartan USP            80 mg Excipients                    q.s.
	<b>1.3 Pharmaceutical Dosage Form : Tablets</b>
<b>2.</b>	<b>Qualitative &amp; Quantitative Composition:</b> <b>Telmiclar 40 (Telmisartan Tablets USP 40 mg)</b> Each uncoated tablet contains: Telmisartan USP            40 mg Excipients                    q.s.  <b>Telmiclar 80 (Telmisartan Tablets USP 80 mg)</b> Each uncoated tablet contains: Telmisartan USP            80 mg Excipients                    q.s.  For a full list of excipients, see section 6.1 of SmPC
<b>3.</b>	<b>Pharmaceutical Form:</b>
	Tablets <b>Telmiclar 40 (Telmisartan Tablets USP 40 mg)</b> White to off white coloured, oval shaped, biconvex, uncoated tablets, plain on both the sides. <b>Telmiclar 80 (Telmisartan Tablets USP 80 mg)</b> White to off white coloured, oval shaped, biconvex, uncoated tablets, plain on both the sides.
<b>4.</b>	<b>Clinical Particulars</b>
	<b>4.1 Therapeutic Indications:</b> <u>Hypertension</u> Treatment of essential hypertension in adults.  <u>Cardiovascular prevention</u> Reduction of cardiovascular morbidity in adults with: <ul style="list-style-type: none"> <li>• manifest atherothrombotic cardiovascular disease (history of coronary heart disease, stroke, or peripheral arterial disease) or</li> <li>• type 2 diabetes mellitus with documented target organ damage</li> </ul>
	<b>4.2 Posology and Method of administration:</b>

	<p><u>Posology</u></p> <p><i>Treatment of essential hypertension</i></p> <p>The usually effective dose is 40 mg once daily. Some patients may already benefit at a daily dose of 20 mg. In cases where the target blood pressure is not achieved, the dose of telmisartan can be increased to a maximum of 80 mg once daily. Alternatively, telmisartan may be used in combination with thiazide-type diuretics such as hydrochlorothiazide, which has been shown to have an additive blood pressure lowering effect with telmisartan. When considering raising the dose, it must be borne in mind that the maximum antihypertensive effect is generally attained four to eight weeks after the start of treatment.</p> <p><i>Cardiovascular prevention</i></p> <p>The recommended dose is 80 mg once daily. It is not known whether doses lower than 80 mg of telmisartan are effective in reducing cardiovascular morbidity.</p> <p>When initiating telmisartan therapy for the reduction of cardiovascular morbidity, close monitoring of blood pressure is recommended, and if appropriate adjustment of medications that lower blood pressure may be necessary.</p> <p><u>Method of administration</u></p> <p>Telmisartan tablets are for once-daily oral administration and should be taken with liquid, with or without food.</p> <p>Precautions to be taken before handling or administering the medicinal product.</p> <p>Telmisartan should be kept in the sealed blister due to the hygroscopic property of the tablets. Tablets should be taken out of the blister shortly before administration.</p>
	<p><b>4.3 Contraindications:</b></p> <ul style="list-style-type: none"> <li>• Hypersensitivity to the active substance or to any of the excipients</li> <li>• Second and third trimesters of pregnancy.</li> <li>• Biliary obstructive disorders</li> <li>• Severe hepatic impairment</li> </ul> <p>The concomitant use of Telmisartan Tablets USP with aliskiren-containing products is contraindicated in patients with diabetes mellitus or renal impairment (GFR &lt; 60 ml/min/1.73 m<sup>2</sup>).</p>
	<p><b>4.4 Special warning and precautions for use:</b></p> <p><u>Pregnancy</u></p> <p>Angiotensin II receptor antagonists should not be initiated during pregnancy. Unless continued angiotensin II receptor antagonist therapy is considered essential, patients planning pregnancy should be changed to alternative antihypertensive treatments which have an established safety profile for use in pregnancy. When pregnancy is diagnosed, treatment with angiotensin II receptor antagonists should be stopped immediately, and, if appropriate, alternative therapy should be started.</p> <p><u>Hepatic impairment</u></p> <p>Telmisartan Tablets USP is not to be given to patients with cholestasis, biliary obstructive disorders or severe hepatic impairment since telmisartan is mostly eliminated with the bile. These patients can be expected to have reduced hepatic clearance for telmisartan. Telmisartan</p>

Tablets USP should be used only with caution in patients with mild to moderate hepatic impairment.

#### Renovascular hypertension

There is an increased risk of severe hypotension and renal insufficiency when patients with bilateral renal artery stenosis or stenosis of the artery to a single functioning kidney are treated with medicinal products that affect the renin-angiotensin-aldosterone system.

#### Renal impairment and kidney transplantation

When Telmisartan Tablets USP is used in patients with impaired renal function, periodic monitoring of potassium and creatinine serum levels is recommended. There is no experience regarding the administration of Telmisartan Tablets USP in patients with recent kidney transplantation.

#### Intravascular hypovolaemia

Symptomatic hypotension, especially after the first dose of Telmisartan Tablets USP, may occur in patients who are volume and/or sodium depleted by vigorous diuretic therapy, dietary salt restriction, diarrhoea, or vomiting. Such conditions should be corrected before the administration of Telmisartan Tablets USP. Volume and/or sodium depletion should be corrected prior to administration of Telmisartan Tablets USP.

#### Dual blockade of the renin-angiotensin-aldosterone system (RAAS)

There is evidence that the concomitant use of ACE-inhibitors, angiotensin II receptor blockers or aliskiren increases the risk of hypotension, hyperkalaemia and decreased renal function (including acute renal failure). Dual blockade of RAAS through the combined use of ACE-inhibitors, angiotensin II receptor blockers or aliskiren is therefore not recommended. If dual blockade therapy is considered absolutely necessary, this should only occur under specialist supervision and subject to frequent close monitoring of renal function, electrolytes and blood pressure.

ACE-inhibitors and angiotensin II receptor blockers should not be used concomitantly in patients with diabetic nephropathy.

#### Other conditions with stimulation of the renin-angiotensin-aldosterone system

In patients whose vascular tone and renal function depend predominantly on the activity of the renin-angiotensin-aldosterone system (e.g. patients with severe congestive heart failure or underlying renal disease, including renal artery stenosis), treatment with medicinal products that affect this system such as telmisartan has been associated with acute hypotension, hyperazotaemia, oliguria, or rarely acute renal failure.

#### Primary aldosteronism

Patients with primary aldosteronism generally will not respond to antihypertensive medicinal products acting through inhibition of the renin-angiotensin system. Therefore, the use of telmisartan is not recommended.

#### Aortic and mitral valve stenosis, obstructive hypertrophic cardiomyopathy

As with other vasodilators, special caution is indicated in patients suffering from aortic or mitral stenosis, or obstructive hypertrophic cardiomyopathy.

#### Diabetic patients treated with insulin or antidiabetics

	<p>In these patients hypoglycaemia may occur under telmisartan treatment. Therefore, in these patients an appropriate blood glucose monitoring should be considered; a dose adjustment of insulin or antidiabetics may be required, when indicated.</p> <p><u>Hyperkalaemia</u></p> <p>The use of medicinal products that affect the renin-angiotensin-aldosterone system may cause hyperkalaemia.</p> <p>In the elderly, in patients with renal insufficiency, in diabetic patients, in patients concomitantly treated with other medicinal products that may increase potassium levels, and/or in patients with inter-current events, hyperkalaemia may be fatal.</p> <p>Before considering the concomitant use of medicinal products that affect the renin-angiotensin-aldosterone system, the benefit risk ratio should be evaluated.</p> <p>The main risk factors for hyperkalaemia to be considered are:</p> <ul style="list-style-type: none"> <li>- Diabetes mellitus, renal impairment, age (&gt;70 years)</li> <li>- Combination with one or more other medicinal products that affect the renin-angiotensin-aldosterone system and/or potassium supplements. Medicinal products or therapeutic classes of medicinal products that may provoke hyperkalaemia are salt substitutes containing potassium, potassium-sparing diuretics, ACE inhibitors, angiotensin II receptor antagonists, non-steroidal anti-inflammatory medicinal products (NSAIDs, including selective COX-2 inhibitors), heparin, immunosuppressives (cyclosporine or tacrolimus), and trimethoprim.</li> <li>- Inter current events, in particular dehydration, acute cardiac decompensation, metabolic acidosis, worsening of renal function, sudden worsening of the renal condition (e.g. infectious diseases), cellular lysis (e.g. acute limb ischemia, rhabdomyolysis, extend trauma).</li> </ul> <p>Close monitoring of serum potassium in at risk patients is recommended.</p> <p><u>Ethnic differences</u></p> <p>As observed for angiotensin converting enzyme inhibitors, telmisartan and the other angiotensin II receptor antagonists are apparently less effective in lowering blood pressure in black people than in non-blacks, possibly because of higher prevalence of low-renin states in the black hypertensive population.</p> <p><u>Other</u></p> <p>As with any antihypertensive agent, excessive reduction of blood pressure in patients with ischaemic cardiopathy or ischaemic cardiovascular disease could result in a myocardial infarction or stroke.</p> <p><u>Sodium :</u></p> <p>Each tablet contains less than 1 mmol sodium (23 mg) per tablet, that is to say essentially 'sodium-free'.</p>
	<p><b>4.5 Interactions with other medicinal products and other forms of Interactions :</b></p> <p><u>Digoxin</u></p> <p>When telmisartan was co-administered with digoxin, median increases in digoxin peak plasma concentration (49%) and in trough concentration (20%) were observed. When initiating,</p>

adjusting, and discontinuing telmisartan, monitor digoxin levels in order to maintain levels within the therapeutic range.

As with other medicinal products acting on the renin-angiotensin-aldosterone system, telmisartan may provoke hyperkalaemia. The risk may increase in case of treatment combination with other medicinal products that may also provoke hyperkalaemia (salt substitutes containing potassium, potassium-sparing diuretics, ACE inhibitors, angiotensin II receptor antagonists, non-steroidal anti-inflammatory medicinal products (NSAIDs, including selective COX-2 inhibitors), heparin, immunosuppressive (cyclosporine or tacrolimus), and trimethoprim).

The occurrence of hyperkalaemia depends on associated risk factors. The risk is increased in case of the above-mentioned treatment combinations. The risk is particularly high in combination with potassium sparing-diuretics, and when combined with salt substitutes containing potassium. A combination with ACE inhibitors or NSAIDs, for example, presents a lesser risk provided that precautions for use are strictly followed.

Concomitant use not recommended.

#### Potassium sparing diuretics or potassium supplements

Angiotensin II receptor antagonists such as telmisartan, attenuate diuretic induced potassium loss. Potassium sparing diuretics e.g. spironolactone, eplerenone, triamterene, or amiloride, potassium supplements, or potassium-containing salt substitutes may lead to a significant increase in serum potassium. If concomitant use is indicated because of documented hypokalaemia, they should be used with caution and with frequent monitoring of serum potassium.

#### Lithium

Reversible increases in serum lithium concentrations and toxicity have been reported during concomitant administration of lithium with angiotensin converting enzyme inhibitors, and with angiotensin II receptor antagonists, including telmisartan. If use of the combination proves necessary, careful monitoring of serum lithium levels is recommended.

Concomitant use requiring caution.

#### Non-steroidal anti-inflammatory medicinal products

NSAIDs (i.e. acetylsalicylic acid at anti-inflammatory dosage regimens, COX-2 inhibitors and non-selective NSAIDs) may reduce the antihypertensive effect of angiotensin II receptor antagonists.

In some patients with compromised renal function (e.g. dehydrated patients or elderly patients with compromised renal function), the co-administration of angiotensin II receptor antagonists and agents that inhibit cyclo-oxygenase may result in further deterioration of renal function, including possible acute renal failure, which is usually reversible. Therefore, the combination should be administered with caution, especially in the elderly. Patients should be adequately hydrated and consideration should be given to monitoring of renal function after initiation of concomitant therapy and periodically thereafter.

In one study the co-administration of telmisartan and ramipril led to an increase of up to 2.5 fold in the AUC<sub>0-24</sub> and C<sub>max</sub> of ramipril and ramiprilat. The clinical relevance of this observation is not known.

#### Diuretics (thiazide or loop diuretics)

	<p>Prior treatment with high dose diuretics such as furosemide (loop diuretic) and hydrochlorothiazide (thiazide diuretic) may result in volume depletion, and in a risk of hypotension when initiating therapy with telmisartan.</p> <p>To be taken into account with concomitant use.</p> <p><u>Other antihypertensive agents</u></p> <p>The blood pressure lowering effect of telmisartan can be increased by concomitant use of other antihypertensive medicinal products.</p> <p>Published Clinical trial data has shown that dual blockade of the renin-angiotensin-aldosterone-system (RAAS) through the combined use of ACE-inhibitors, angiotensin II receptor blockers or aliskiren is associated with a higher frequency of adverse events such as hypotension, hyperkalaemia and decreased renal function (including acute renal failure) compared to the use of a single RAAS-acting agent.</p> <p>Based on their pharmacological properties it can be expected that the following medicinal products may potentiate the hypotensive effects of all antihypertensive including telmisartan: Baclofen, amifostine. Furthermore, orthostatic hypotension may be aggravated by alcohol, barbiturates, narcotics, or antidepressants.</p> <p><u>Corticosteroids (systemic route)</u></p> <p>Reduction of the antihypertensive effect.</p>
	<p><b>4.6 Pregnancy and Lactation:</b></p> <p><u>Pregnancy</u></p> <p>The use of angiotensin II receptor antagonists is not recommended during the first trimester of pregnancy. The use of angiotensin II receptor antagonists is contraindicated during the second and third trimesters of pregnancy.</p> <p>There are no adequate data from the use of Telmisartan Tablets USP in pregnant women. Studies in animals have shown reproductive toxicity.</p> <p>Epidemiological evidence regarding the risk of teratogenicity following exposure to ACE inhibitors during the first trimester of pregnancy has not been conclusive; however, a small increase in risk cannot be excluded. Whilst there is no controlled epidemiological data on the risk with angiotensin II receptor antagonists, similar risks may exist for this class of drugs. Unless continued angiotensin II receptor antagonist therapy is considered essential, patients planning pregnancy should be changed to alternative antihypertensive treatments which have an established safety profile for use in pregnancy. When pregnancy is diagnosed, treatment with angiotensin II receptor antagonists should be stopped immediately, and, if appropriate, alternative therapy should be started.</p> <p>Exposure to angiotensin II receptor antagonist therapy during the second and third trimesters is known to induce human fetotoxicity (decreased renal function, oligohydramnios, skull ossification retardation) and neonatal toxicity (renal failure, hypotension, hyperkalaemia).</p> <p>Should exposure to angiotensin II receptor antagonists have occurred from the second trimester of pregnancy, ultrasound check of renal function and skull is recommended.</p> <p>Infants whose mothers have taken angiotensin II receptor antagonists should be closely observed for hypotension.</p> <p><u>Breast-feeding</u></p>

	<p>Because no information is available regarding the use of Telmisartan Tablets USP during breast-feeding, Telmisartan Tablets USP is not recommended and alternative treatments with better established safety profiles during breast-feeding are preferable, especially while nursing a new-born or preterm infant.</p>
	<p><b>Use in specific populations</b></p> <p><i>Elderly</i></p> <p>No dose adjustment is necessary for elderly patients.</p> <p><i>Renal impairment</i></p> <p>Limited experience is available in patients with severe renal impairment or haemodialysis.</p> <p>A lower starting dose of 20 mg is recommended in these patients. No posology adjustment is required for patients with mild to moderate renal impairment.</p> <p><i>Hepatic impairment</i></p> <p>Telmisartan Tablets is contraindicated in patients with severe hepatic impairment.</p> <p>In patients with mild to moderate hepatic impairment, the posology should not exceed 40 mg once daily.</p> <p><i>Paediatric population</i></p> <p>The safety and efficacy of Telmisartan Tablets in children and adolescents aged below 18 years have not been established.</p>
	<p><b>4.7 Effects on ability to drive and use machine:</b></p> <p>When driving vehicles or operating machinery it should be taken into account that dizziness or drowsiness may occasionally occur when taking antihypertensive therapy such as Telmisartan Tablets.</p>

#### 4.8 Undesirable Effects:

##### Summary of the safety profile

Serious adverse drug reactions include anaphylactic reaction and angioedema which may occur rarely ( $\geq 1/10,000$  to  $< 1/1,000$ ), and acute renal failure.

The overall incidence of adverse reactions reported with telmisartan was usually comparable to placebo (41.4 % vs 43.9 %) in controlled trials in patients treated for hypertension. The incidence of adverse reactions was not dose related and showed no correlation with gender, age or race of the patients. The safety profile of telmisartan in patients treated for the reduction of cardiovascular morbidity was consistent with that obtained in hypertensive patients.

The adverse reactions listed below have been accumulated from controlled clinical trials in patients treated for hypertension and from post-marketing reports. The listing also takes into account serious adverse reactions and adverse reactions leading to discontinuation reported in three clinical long-term studies including 21,642 patients treated with telmisartan for the reduction of cardiovascular morbidity for up to six years.

##### Tabulated list of adverse reactions

Adverse reactions have been ranked under headings of frequency using the following convention: very common ( $\geq 1/10$ ); common ( $\geq 1/100$  to  $< 1/10$ ); uncommon ( $\geq 1/1,000$  to  $< 1/100$ ); rare ( $\geq 1/10,000$  to  $< 1/1,000$ ); very rare ( $< 1/10,000$ ).

Within each frequency grouping, adverse reactions are presented in order of decreasing seriousness.

Infections and infestations	
Uncommon:	Urinary tract infection including cystitis, upper respiratory tract infection including pharyngitis and sinusitis
Rare:	Sepsis including fatal outcome
Blood and the lymphatic system disorders	
Uncommon:	Anaemia
Rare:	Eosinophilia, thrombocytopenia
Immune system disorders	
Rare:	Anaphylactic reaction, hypersensitivity
Metabolism and nutrition disorders	
Uncommon:	Hyperkalaemia
Rare:	Hypoglycaemia (in diabetic patients)
Psychiatric disorders	
Uncommon:	Insomnia, depression
Rare:	Anxiety
Nervous system disorders	
Uncommon:	Syncope
Rare:	Somnolence
Eye disorders	
Rare:	Visual disturbance
Ear and labyrinth disorders	

Uncommon:	Vertigo
Cardiac disorders	
Uncommon:	Bradycardia
Rare:	Tachycardia
Vascular disorders	
Uncommon:	Hypotension, orthostatic hypotension
Respiratory, thoracic and mediastinal disorders	
Uncommon:	Dyspnoea, cough
Very rare:	Interstitial lung disease
Gastrointestinal disorders	
Uncommon:	Abdominal pain, diarrhoea, dyspepsia, flatulence,
Rare:	vomiting Dry mouth, stomach discomfort, dysgeusia
Hepato-biliary disorders	
Rare:	Hepatic function abnormal/liver disorder
Skin and subcutaneous tissue disorders	
Uncommon:	Pruritus, hyperhidrosis, rash
Rare:	Angioedema (also with fatal outcome), eczema, erythema, urticaria, drug eruption, toxic skin eruption
Musculoskeletal and connective tissue disorders	
Uncommon:	Back pain (e.g. sciatica), muscle spasms, myalgia
Rare:	Arthralgia, pain in extremity, tendon pain (tendinitis like symptoms)
Renal and urinary disorders	
Uncommon:	Renal impairment including acute renal failure
General disorders and administration site conditions	
Uncommon:	Chest pain, asthenia (weakness)
Rare:	Influenza-like illness
Investigations	
Uncommon:	Blood creatinine increased
Rare:	Haemoglobin decreased, blood uric acid increased, hepatic enzyme increased, blood creatinine phosphokinase increased
<p><b>4.9 Overdosage:</b> There is limited information available with regard to overdose in humans.</p> <p><u>Symptoms</u></p> <p>The most prominent manifestations of telmisartan overdose were hypotension and tachycardia; bradycardia dizziness, increase in serum creatinine, and acute renal failure have also been reported.</p>	

	<p><u>Management</u></p> <p>Telmisartan is not removed by haemodialysis. The patient should be closely monitored, and the treatment should be symptomatic and supportive. Management depends on the time since ingestion and the severity of the symptoms. Suggested measures include induction of emesis and / or gastric lavage. Activated charcoal may be useful in the treatment of overdose. Serum electrolytes and creatinine should be monitored frequently. If hypotension occurs, the patient should be placed in a supine position, with salt and volume replacement given quickly.</p>
5.	<p><b>Pharmacological properties</b></p>
	<p><b>5.1 Pharmacodynamic Properties:</b></p> <p><b>Pharmacotherapeutic group:</b> Angiotensin II Receptor Blocker (ARBs), Plain Antagonists, plain</p> <p><b>ATC Code:</b> C09CA07</p> <p><u>Mechanism of action</u></p> <p>Telmisartan is an orally active and specific angiotensin II receptor (type AT<sub>1</sub>) antagonist. Telmisartan displaces angiotensin II with very high affinity from its binding site at the AT<sub>1</sub> receptor subtype, which is responsible for the known actions of angiotensin II. Telmisartan does not exhibit any partial agonist activity at the AT<sub>1</sub> receptor. Telmisartan selectively binds the AT<sub>1</sub> receptor. The binding is long-lasting. Telmisartan does not show affinity for other receptors, including AT<sub>2</sub> and other less characterised AT receptors. The functional role of these receptors is not known, nor is the effect of their possible overstimulation by angiotensin II, whose levels are increased by telmisartan. Plasma aldosterone levels are decreased by telmisartan. Telmisartan does not inhibit human plasma renin or block ion channels. Telmisartan does not inhibit angiotensin converting enzyme (kininase II), the enzyme which also degrades bradykinin. Therefore, it is not expected to potentiate bradykinin-mediated adverse effects.</p> <p>In human, an 80 mg dose of telmisartan almost completely inhibits the angiotensin II evoked blood pressure increase. The inhibitory effect is maintained over 24 hours and still measurable up to 48 hours.</p>
	<p><b>5.2 Pharmacokinetics Properties:</b></p> <p><u>Absorption</u></p> <p>Absorption of telmisartan is rapid although the amount absorbed varies. The mean absolute bioavailability for telmisartan is about 50 %. When telmisartan is taken with food, the reduction in the area under the plasma concentration-time curve (AUC<sub>0-∞</sub>) of telmisartan varies from approximately 6 % (40 mg dose) to approximately 19 % (160 mg dose). By 3 hours after administration, plasma concentrations are similar whether telmisartan is taken fasting or with food.</p> <p><u>Linearity/non-linearity</u></p> <p>The small reduction in AUC is not expected to cause a reduction in the therapeutic efficacy. There is no linear relationship between doses and plasma levels. C<sub>max</sub> and to a lesser extent AUC increase disproportionately at doses above 40 mg.</p> <p><u>Distribution</u></p>

	<p>Telmisartan is largely bound to plasma protein (&gt;99.5 %), mainly albumin and alpha-1 acid glycoprotein. The mean steady state apparent volume of distribution (<math>V_{dss}</math>) is approximately 500 l.</p> <p><u>Biotransformation</u></p> <p>Telmisartan is metabolised by conjugation to the glucuronide of the parent compound. No pharmacological activity has been shown for the conjugate.</p> <p><u>Elimination</u></p> <p>Telmisartan is characterised by biexponential decay pharmacokinetics with a terminal elimination half-life of &gt;20 hours. The maximum plasma concentration (<math>C_{max}</math>) and, to a smaller extent, the area under the plasma concentration-time curve (AUC), increase disproportionately with dose. There is no evidence of clinically relevant accumulation of telmisartan taken at the recommended dose. Plasma concentrations were higher in females than in males, without relevant influence on efficacy.</p> <p>After oral (and intravenous) administration, telmisartan is nearly exclusively excreted with the faeces, mainly as unchanged compound. Cumulative urinary excretion is &lt;1 % of dose. Total plasma clearance (<math>Cl_{tot}</math>) is high (approximately 1,000 ml/min) compared with hepatic blood flow (about 1,500 ml/min).</p>
	<p><b>5.3 Preclinical Safety data:</b></p> <p>In preclinical safety studies, doses producing exposure comparable to that in the clinical therapeutic range caused reduced red cell parameters (erythrocytes, haemoglobin, haematocrit), changes in renal haemodynamics (increased blood urea nitrogen and creatinine), as well as increased serum potassium in normotensive animals. In dogs, renal tubular dilation and atrophy were observed. Gastric mucosal injury (erosion, ulcers or inflammation) also was noted in rats and dogs. These pharmacologically-mediated undesirable effects, known from preclinical studies with both angiotensin converting enzyme inhibitors and angiotensin II receptor antagonists, were prevented by oral saline supplementation.</p> <p>In both species, increased plasma renin activity and hypertrophy/hyperplasia of the renal juxtaglomerular cells were observed. These changes, also a class effect of angiotensin converting enzyme inhibitors and other angiotensin II receptor antagonists, do not appear to have clinical significance.</p> <p>No clear evidence of a teratogenic effect was observed, however at toxic dose levels of telmisartan an effect on the postnatal development of the off-springs such as lower body weight and delayed eye opening was observed.</p> <p>There was no evidence of mutagenicity and relevant clastogenic activity in <i>in vitro</i> studies and no evidence of carcinogenicity in rats and mice.</p>
6.	<p><b>Pharmaceutical particulars</b></p> <p><b>6.1 List of Excipients:</b></p> <p><b>Telmiclar 40 mg (Telmisartan Tablets USP 40 mg)</b> Lactose Monohydrate (11SD) (Supertab), Crospovidone (Polyplasdone XL 10), Sodium Hydroxide, Meglumine, Povidone (Plasdone K-25), Magnesium Stearate and Purified Water.</p> <p><b>Telmiclar 80 mg (Telmisartan Tablets USP 80 mg)</b> Lactose Monohydrate (11SD) (Supertab), Crospovidone (Polyplasdone XL 10), Sodium Hydroxide, Meglumine, Povidone (Plasdone K-25), Magnesium Stearate and Purified Water.</p>

	<b>6.2 Incompatibilities:</b> Not applicable
	<b>6.3 Shelf life:</b> 24 months
	<b>6.4 Special Precautions for storage:</b> Store below 30°C. protect from moisture.
	<b>6.5 Nature and contents of container:</b> 10 tablets in Alu-Alu Blister pack, 3 such blisters in a printed carton along with pack Insert.
	<b>6.6 Special precautions for disposal:</b> Not applicable
<b>7.</b>	<b>Marketing Authorization Holder:</b> Ajanta Pharma Limited Ajanta House, Charkop, Kandivli (West), Mumbai- 400 067, India <b>Manufacturing Site Address:</b> Ajanta Pharma Limited Mirza, Palashbari Road, Vill-Kokjhar, Kamrup, Assam. India e-mail : <a href="mailto:info@ajantapharma.com">info@ajantapharma.com</a>
<b>8.</b>	<b>Marketing Authorization Numbers:</b> Not applicable
<b>9.</b>	<b>Date of first registration /renewal of the registration:</b> Not Applicable
<b>10.</b>	<b>Date of revision of text:</b> Feb 16, 2021