

Re Only WARNING: Respiratory Day and Death Related to Ultra Codeine to Morphine Respiratory Depression in The combination of prometh dise, phenetyphenes in an anti-phenphate is contrainficted phenetyphenes in a second phenetyphene in a second phenetyphenetyphenetyphene phenetyphe , romethazine hydrochlorid indicated in p years of age, omethazine p pressants has pressants has ression, and natients. s of respirato have been re trochlorid

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of

DESCRIPTION Each 5 mL (crea baspoonhul), for oral admin-istration contains: Coderine phosphate 10 mg; promethazine hydrochloride 6.25 mg; phenyl-ephirne hydrochloride 5 mg, Alcohol 7%. Inactive Ingredients: As conto acid, divite acid FDAC yellow #6, methylparaben, prosylene g prop/lparaben, purified water, sodium berco sodium citrate, sucrose, sucrose syrup, tang ,aC propy sodiu fŀ≁

favor. Godenies is on of the naturally occurring phena thene akabida of opium derived from the opiu popy, it is classified phar macologically as a re-cobe analyseis. Codeine phosphate may be ch-ically designated as 7.8 Uidelytor-4.5s.-encory-methosy-17-mathylmorphinam-6a-of phosphate (1-1)(sat)them inlydrate. The phosphate sath of codenies occurs as white, medit-ahaped cyrothis or what carguing and Codene phosphate is freely soluble in vater and isighty soluble in achold. (thas as molecular weight of 406.37, a molecular formula of C_14/2r_NO3 + #POQ = 1/4/20 and the following structural formula:

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CH₆O Prometha.ine hydroc derivative, is chemica hydrochlande. Prometha.ine hydroc taint yellow, practical exposure to air. It is "70.88, a molecular fi "90.88, a molecular fi "91.68, a molecular fi "92.68, a molecular fi "93.68, a molecular fi "94.68, a molecular fi "94.68 , inte nine po o proloi d free* air-'

(H₃),

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Phenylaphrine hydrochloride is a sympath-ominetic arrive sait which is ichemically desig-nated as (-)-m-hydroxy-a-((methyl-armio)-methyl) benaj alcolon hydrochloride. It occurs i white or nearly white crystals, having a b ter table. It is freige yockbels in water and alcohol. Phenylaphrine hydrochloride is subject to oxida-tion and must be protected from (jibri and air. It has a molecular weight of 020.67, a molecular formula of CgH/NO2 = HCI and the following structural formula: urs a

0-0-H ł

au durant automatu. OH CHINICAL PHARMACDLOBY Codeine: Narcotic analyssics, including codeine, exart their primary effects on the cartral nervous system and gatvointerial tract. The analysis of fields of codeine are due to the cartral nervous system and gatvointerial tract. The analysis of fields of codeine are due to the cartral nervous system and gatvointerial tract. The analysis of fields of codeine are due to the cartral nervous system and gatvointerial tracts. The analysis of the cartral procises is of action have not been discussion trafly and pharmacologically. but is actions at the traflex and pharmacologically are midler, wh hises solation, respiratory depression and gas considering than morphine. P

constparing than morphine. Coderine has good antitussive activity, althout fran that of morphine, because side effects preference to morphine, because side effects infrequent at the usual antituserive does of co Coderine in oral therapeutic doesage does not exert major effects on the cardiovascular yes Narcotic analyseics may cause nauses and by stimulating the characreceptor trigger zo (CTZ); however, they also depress the yourn center on the to deeseund does an unlikel

.2); center produ oral di Narc ar that subsi omiting. N s of codein nalgesics o be respo

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ually increased, creased. Local occur following f phenylephrice

into tissues. The main effect of phenyl breadycardia; it produces on on the myocardium in do usually used therapeutics increase the imitability of mias. Cardiac output is d phrine increases the worl paripheral arterial resistant mild central stimulant eff En location contral arterial the heart is notropic effe than those the drug m causing arth lightly. Phen art by incre-Ale on ositive in greater Rarely, heart, o sase⁴ 1⁴ ns es a doses tically. Ras of the heart, s decreased s vork of the he nce. Pheny t slightly. art by i

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penpheral arterial resistance mid central strend resistance following and administratic optemysphrints to the mus blood vessels in the nasal not congestion associated with Following and administratic may occur within 15 or 201 for up to 4 hours. Phenysphrine is irregularly read (y metabo izad in the g Penysphrine is mittabolas and their routs and rate of a barn identified. The pharm and their routs and rate of barn identified. The pharm of the forus is immittabol partice of the drug into time. NDICATIONS AND USAGI Promethazan HCI, Promyte i indicat Promethazan HCI, Promyte i indicat ing mail congenion, assoc common cold. CONTRAHIDICATIONS y absorbed from gastrointestinal t sed in the liver ar oidase. The meta excretion have n acclogic action o d at least partial

Aute rylephnine HCI and Codeine cated for the temporary reli spiratory symptoms, includ-sociated with a lergy or the

Ing lease Composition, associated with common cold. CONTRANUELATIONS The combination of promethazine hyp phenylephnine hydrochindria and cost is contrandicated in producting categories is contransicated in producting categories is contransicated progression in this are contained and the second second second prometable and the second second second transformation and the second second prometable second second second second transformation and the second second prometable second second second prometable second se

or to other phenotriazines. Architestinies can codeine are both contraindicated for use in the trastment of lower respiratory track symptome, including auftma. Phenyleptrine is contanisdicated in patients with hypertension or with priphenal rescuir instifi-cenny (inclemain may read, with nick of gangames or transbasi of comronised vascubric tado); Phenyl-ephtine bould not be used in patients known to be promosaine oxidase inhibitor (MADI). waswangs

WARINGS WARINGS Respiratory Depression in Children The contrivition (MO) Depression in Children The contrivition of promethazine hydrochlorida, of ag. Concomtrat administration of promethazine products with other negistary depression, and a secondario with interprinting depression, and a secondario with other negistary depression. Interprinting cases of respiratory depression, and a secondario with seve ben reported with use a promethazine hydrochloridin in polatine; patients have a secondario with a secondaria and a secondaria with a respiratory depression in these patients. of sle

odeine eath Related to Ultra odeine to Morphine espiratory depression hidren who received o and following tonsille Beath Heatme to write "new " Codenies to Mergination de the sociarred in Respiratory depression and de the sociarred in Codenies to Merginate docting in the sociarred period for lowing tomalitectory under adrexidie-tory and had evaluate of baing on te-pain betthe losse of codenies (i.e., multiple copies of the gene bette losse of codenies (i.e., multiple copies of the gene bette losse of codenies (i.e., multiple copies of the gene bette concentrativers). Detains have also courser in muning infants who were exposed to high levels of utile-napid multiple code are given utile-napid multiple code are given utile-napid multiple code are given.

spectrum in Park Instead (2011) INITIATION of the set of the instead of morphics in branch traits because their morbins user any and the high leads of morphics in branch traits because their morbins user any and the high leads of the instead o

the clinical course of patients with head injuries. Astima and Other Respiratory Canditions Narcoli and pagesias or course happressarts, Including coolene, physical models in antimatic patients (see COMTRANIORIATIONS). Nor induct they be used in ausch tehrin in less associated with productive coupt in cit noir respiratory disease where interference with ability to clear the tracheo-terminal ther of exercisions would have a delethica effect on the patient's respiratory function. *Hypotansie* Effect. Cockner may produce ortho-stric hypotension in ambulatory patients. Promethazine

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He) (see PRECAUTIONS-Internation for Patients and Drag Interestions). Respiratory Darrasion – Promotituzion may lead to possibility that respiratory depression to a de promethacine in patients with compromised partors function (e.g., COPE, balos general) should be avoided. Lear Solum Thanbid – forcenthacine may lead the analysis of the solution of the solution of the partons with solution disorders or in partons withon a uning comonitation medications, such as nar-cobias of bool areathetics, which may also affect seature threshold. Bone-Marrow Operazion – Promethacine Hold and and with autionin patients with bone-marrow depression. Lakopenia and agnanulocytosi have bern reported, ausy lywing promethatine HCI has bern appeding, ausy lywing promethatine HCI has bern appeding ausy lywing promethatine HCI has bern appeding ausy lywing promethatine HCI has the algorithm and Syncham (MNK) has bern reported in association with promethatine HCI has thyrarads, displayment Syncham (MNK) has bern reported in association with promethatine HCI has thyrarads, displayment (HCI has been at a anticide thyrarads, displayment has that and existent of patients with hile sign and ony prometant structure displayments. In description induces both arises media protocol prometant and medial monitoria, and 3) testemat promotic and the approximation and a listense transmitter and medial monitoria, and 3) testemat HCI hould be cambing and 3) testemat HCI hould be cambing and 3) testemat HCI hould be cambing and antibutes of the protocol transmitter and medial monitoria, and 3) testemat HCI hould be cambing and 30 testemation and adminintering and symmetry demonstrain

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General Manorfa analysics, including codeins, should be administered with caution and the initial does reclared in patients with such address of convulsive disorders, significant hepetic or real inpariment, fever, hopothynoidism, Addeon's disease, ulorative colifis, prostatic hypertrophy, ri-patients with recent gatarchinestina de aurgery and in the very young or elderly or dekilds patients. The patient gatarchinestina de used with caution ingétient with more-angle glaucoma, prostatic hypertrophy, stransing peptio dotter, protocoludical dostruction, and bladder-en-obstruction. y, tract

yperoduodenal obs obstruction. Promethazine should be u with cardiovascular diseas liver function. Phenylephrine should be u patients with cardioval

cautiously in persons with impairment of

Their Indon. Use the set of the card on in patients with cardioascult disesse. Internationa for Petients Patients thoughts advised to make with cardioascult disesse. Internationa for Petients Patients thoughts advised to make the prosphate Syrup with a accurate masaring device. A house-that the session is measured the maximity divers and and could lead to overdisage, expecially wiren a hat a session is measured. A parametel card material and the session is measured the maximity provide instructions are unary immassing divice and could lead to overdisage, expecially wiren a hat provide instruction measured the maximity provide instruction measured for the performance action of the performance of the performance wirelise or contraining and with an advise provide instructioning and the maximity and out the dot to work end and and/out physical abilities required for the performance dark from provertitation, phenyleptrine and codiene may wirelise or contraining the mental and avail or potential maximum to be relating or in other thand to total the work of the contrained avail or potential has the board beam of the avail or potential has the board beam of the avail potential has the board beam of the avail potential has a black of or other cards from provertitation, phenyleptrine and codien avail potential has the black of or other cards the avail potential has the black of or other cards the black black of or the cards and the davised of the sport and avail potential has black of the sport and avail potential has the black of or other cards the black of the sport and avail to phenyleptic abilities and the avail to phenyleptic abilities and avail to a black and the phenyleptic abilities and abilities measing the the avail to the avail to the availities the avail

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wher sympanic mimetics. Phenylephrine w th prior administration of propranolol or other β-adrenergic blockers. Phenylephrine w th atropine sulfate. Cardiostimulating effects blocked. Reflex bradycardia blocked; pressor response enhanced. Pressor response decreased. Phenylephrine w th prof administration other evaluations of the second phenylephrine w th dots a suphrating of the second other evaluations, such as amphrating of the second phenylepopardiamine. Descase narcotic, and gets as may it is Descase narcotic, and gets as may it is Descase narcotic, and gets as may it may its or fasse levels, obtermine naryme levels may be uneliable for after a ancoto analgets in as been fare an acroto analgets in as been fare an acroto analgets in as been fare an acroto analgets in as been fare a narcoto analgets in as been fare a narcoto analgets in as been fare a narcoto analgets in as been fare analgets in analgets in as been promatizable that for chirolite. Synergist o adrenergic response hcrease biliary ases in plasma tion of these r 24 hours

Phen Drug Phen Effect Cardiac pressor response potent ated. May cause acute hypertensi phrine w th prior tration amine admin of mo oxidase (MAOI). Phenyle tricyclic rit Cr Pr nİ nenyli ricyclic ntidep henyle rgot al herv² th blood pressure. Tachycardia or other arrhythmi may occur. ŧ tic. ager epin othe d with ne or natho

en antucho inergic properties should be under-ken with caution. fonoamie Oxidase Inhibitors (M40/) - Drug teractions, including an increased incidence of trapyramidal effects, have been reported when me (M40) and phenothiazines are used con-unitantly. henylephrine

disappea Epinephrine B hazine to rever epinephrine sh **sociated ause of t epinephr dd NOT b with prom the por brine's be use methaz tial op t va Id 1 zir ffect with promethazine overdose. - Concorn tant use of other age rigic properties should be under ion. ergic no in

Nursing mothers taking codeine ca higher morphine levels in their braze morphine is breast milking lead to or that lead effects in norsing belic tacidy in their infants including in ness (mont than usual), difficulty to breasting difficulties, or impress. mothers to talk to the baby's doct hay notice these signs and, if they doctor inght away, to take the baby room or call 911 (or load emergen Dang Interactions ir breast mik if they These higher levels of lead to fe-threatening ruct phin uct phine sleepi-ding, triursin fis. In of m reas reaser reastfe Instru r imm

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The second version and death have occurred present to the second version of the second version of the incident with obstructive slope agrees who incident with obstructive slope agrees who following tonollisectory and/or ademolectory and had veloce of being ut the rapid metabolic-ers of codiene (i.e., multiple copies of the gene and had veloced of being ut the rapid metabolic-tor cytochrome PAGIs onserting CVP2B for high nonphrase concentration). These children may be particularly sensitive to the respinitory rapidly metabolized to morphine. Codiens is contraindicated by post-generative sensitimanag-ment in these patients [see WARINIGS - Death to Morphine and CONTRAINDICATIONS]. Geniatric Use

neusen to Uttra-Rapid Metabolism of Casiles to Morphine and CONTRAINDICATIONS). Geniatic Use Cirical studies of promethatine hydrochloride, phenylephrine hydrochloride and codeine phos-phate syrup dof to indude sufficient numbers o subjects aged 55 and over to determine whether hydrogenod Histernity from younger exbjects. Other proported clinical experience has not identify for an eldrifty ration response behavior. The differences in response behavior, using the for an eldrifty ration is done of the doing maps, reflecting the greater frequency of accreased hydrold be started on low doise of promethazers phosito be started on low doise of promethazers exadition in the elderly, addry patients generally hydrold be started on low doise of promethazers cadeine phosphate symp and observed closely. AVERSE FEACTONIS drochloride, odeine phos-nt numbers of mine whether ger subjects as not identi-en the elderly se selection

Control ADVERSE REACTIONS Codeline Control Revous System - CNS depression, particul any respiratory depression, and ba kesser editari contactory depression (jub) thaddmines, ticturines, sedation, explorent, dyspforti, headache, transiert ha lucination, discontentibion, visual discutanose an convolisora. - Tadry cantia, brady cardia, palpita-fund international contention (sedati discontanose) fundamente a syncare, chitostatic hypotension visual antimese, syncare, contentiatic hypotension

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eztory – Asthrna, nasal stuffiness, respiratory ssion (potentially fatal) and apnee (potentia ly see WARNINGS-Promethazine; Respiratory ssion.) ciepre fatal). Depre

http://seventeeser.unexperience. Chiperinasion.) Chiper Anglioneurotic edems. Neuroleptic maligners verydrome (obstanty fram) has also been reported (set Bywellow and the seventeese and the seventeese Paradoxia A Ractions – Hyper exclusibility and also Paradoxia A Ractions – Hyper exclusibility and also Paradoxia A Ractions – Hyper exclusibility and also Ractional and angle administration of promethazine HJ. Consideration should be given to the discontin-dition of promethazine HC and to the use of other drugs if these reactions occur. Respiratory depre-tion, ngihtmare, self-time, and agaitation behavior have also been reported in scene of these patients. Pheerkelshine

have also been reported in score of these patients. Phenylophrim Central florrours System — Restlessness, anxiety, nervousness and dictaness. Cardiovascular – Hypertension (see WARNINGS) Other – Prinordal pain, respiratory distants tramor and weakness. ROUG ADUSE AND DEPRIDENCE Controlled Statistance Prinosthate Syrup is a Schedule V Controled Sub-tance.

Codeine is known to be subject to abues; cover, the abues potential of onti codeine appo e pute how. Even parenterial codeine does n appear to other the psychic effects sought by the same dargers a heroir or morphine. I codeine must be administered only under ch codeine must be administered only under ch codeine must be administered only under ch codeine must be administered only under ch codeine must be administered only under ch codeine must be administered only under ch codeine must be administered only under ch codeine must be administered only under ch codeine must be administered only under ch codeine must be administered on the ch code of the code of ht by add ine. Howe er close dnin sho udein superv or dep D-

Dependence Psychological d and tolerance a OVERDOSAGE dependence, physical depen re known to occur with cod

Containe Serious overdose with codeine is characterized by respiratory depression (a decrease in respiratory rate and/or tidal volume, Cheyne-Dicker respirator cyanosis), extreme somnolence progressing to abuptor or coma, skeletal nuscle flaccid by, cold and abuptor and sometimes bradycardia and abuptor the sometimes bradycardia and ç Den-instandor dial uname, Chayne-Stan-cyanosis), acteme somoshence progressing to stupor or com, skelah musch facodi ty, odd and chamny skelah musch facodi ty, odd and skelah stupor skelah dialah skelah skelah skelah tipotension, The skelah dialah skelah skelah tipotension, The skelah dialah skelah skelah tipotension, The skelah skelah skelah skelah tipotension, The skelah skelah skelah tipotension, The skelah skelah skelah tipotension, The skelah skelah skelah tipotension, The skelah skelah skelah tipotension, The skelah skelah skelah skelah tipotension, The skelah skelah skelah tipotension, The skelah skelah skelah tipotension, The skelah skelah skelah tipotension skelah ils and of opi arly by

Sural hypotension, respiratory depression, uncom-stoumes, and audion fault. Other more protect reac-tabutests, and automorphistic reflexes (Babrusia autocase), and automorphistic reflexes (Babrusia relax). Stimulation may be wident, specially in ch Iden and granistic pairiest. Comvinions may randy occur. A paradostair reaction has been reported in children and granistic pairiest. Convincions may randy occur. A paradostair reaction has been reported in children deside i familiar and service and the second Anceina-like signs and service and a protections – dry mouth, seci. dised protections – dry mouth, testinal servicest.

Cancer be by hyperion: activity and inguintimes. Cancer be an experiment of a synchronic - Marchine - Marchin

hloride, e phospha ss than 6 iay cause The combination of promethazine hydroc phanylaphrine hydrochloride and codein is contraindicated in pediatric patients le gears of age, because the combination m stal respiratory depression in this age p ž

Children	Adults
(6 years to	(12 years of age
under 12 years)	and over)
2.5 mL to 5 mL	5 mL
(½ to 1 teaspoonful)	(1 teaspoonful)
every 4 to	every 4 to
6 hours	6 hours
not to exceed	not to exceed
30.0 mL	30.0 mL
in 24 hours.	in 24 hours.

ne Ne Each 5 mL of contains pro-phenylephrin phate 10 mg; 4 fluid ounce and one pint w-orange fruit-flavored syrup zine hydrochloride 6.25 mg, rochloride 5 mg, codeine pho ulcohol 7% and is available in mL), 8 fluid ounce (237 mL), mL) bottles. SP-77° h (See USP Controlled ; and (118 / 473 ļ

Room Temperaturej. Protect from light. Dispense in a tight, light-resistant (defined in the USP.

Manufactured by: Actavis Mid Atlantio 1877 Kawai Road Lincolnton, NC 280 c LLC 192 U



This is a representation of an electronic record that was signed electronically and this page is the manifestation of the electronic signature.

/s/

ROBERT L WEST 05/10/2013 Deputy Director, Office of Generic Drugs, for Kathleen Uhl, M.D.