

WARNING

DO NOT USE IF SEAL ON CAP IS BROKEN OR MISSING.

Keep Hawthorn & Dandelion™ out of the reach of children under 16 years of age. The safety profile for Hawthorn & Dandelion™ has not been established in pregnant or nursing animals and its use should be avoided in those cases. One must not exceed the daily recommended dose. It is important to weigh your pet before administration of this product to obtain accurate daily dosing. As with any nutraceutical or pharmaceutical product, Hawthorn & Dandelion™ may cause an allergic reaction that may manifest as either skin redness, urticaria (hives), peri-orbital edema (swelling around the eyes), or as potentially serious respiratory dysfunction associated with laryngeal edema. Any suggestion of allergic reaction, even the most subtle, should alert the pet owner or veterinary health care provider to cease any further administration of Hawthorn & Dandelion™ and to assess for interventional measures for such a reaction. One should have all of the appropriate emergency contact information readily available before



Information & Care Guide

It is mandatory to completely review these instructions before initial use

For additional information, please visit us at:
www.ambertech.com

starting this or any nutraceutical, pharmaceutical, or nutritional supplement. Experience with Hawthorn & Dandelion™ suggests no signs or symptoms of overdose beyond that which is reflected in a reduction in the pet's level of activity. For any questions concerning a potential allergic reaction or the adverse reaction of listlessness should be addressed by immediately contacting your veterinary health care provider. Hawthorn & Dandelion™ should be taken with plenty of water. A water dish should be provided at all times and animal monitored to ensure the fluid consumption. If the animal is not consuming fluid on its own then fluid must be orally administered. Do not administer Hawthorn & Dandelion™ if animal is dehydrated. The dosing guidelines MUST be followed precisely as written. Do not exceed the daily recommended dose. Do not use Hawthorn & Dandelion™ in conjunction with Amber Technology's Life Cell Support™. Use of this drug in the presence of endocrine pancreatic dysfunction (e.g. diabetes mellitus or acute infectious pancreatitis) is contraindicated. Evidence of liver disease is a relative contraindication due to the presence of ethyl alcohol in this product (alcohol may be removed by protocol). All benefits and risks of this product should be weighed appropriately before use.

PRODUCT USE:

Shake bottle well before each use. Gently squeeze the dropper bladder between the thumb and index finger to allow the dropper to fill with product. The product insert contains a dropper fill chart, which is also located on the bottom of each box. Use of this chart permits accurate approximation of the amount of drops to be dispensed, based on the height of fluid volume in the dropper. The dropper vial holds a maximum of about 30 drops. In general, it is not necessary to fill the entire dropper with fluid before dispensing product. Once the dropper is sufficiently filled with fluid, the bladder is gently squeezed while the exact number of fluid drops is permitted to fall from the tip as slowly as possible. Slow administration permits accurate drop count.

Dropper Fill Chart	30 drops
	25 drops
	20 drops
	15 drops
	10 drops
	5 drops
2 drops	

The predetermined dose is dispensed directly into the mouth. The use of a syringe containing measured drops from the dropper will obviate risk of the animal biting the glass dropper. If any Hawthorn & Dandelion™ is lost during administration (spitting, falling out of oral cavity), DO NOT administer additional product, as it is likely that most of the product was absorbed in the oral mucosa. It is more important to avoid overdose than to under-dose.

For each one ounce bottle, the number of pets that receive a full ten day course of Hawthorn & Dandelion™ is determined by calculating the total absolute dose based on weight (see nomogram below) along with assuming four times daily administration. Four times daily administration reflects the standard dose of Hawthorn & Dandelion™ when co-administered with HWF™ (Hawthorn & Dandelion™ is administered during full treatment of HWF™). This chart is to help calculate the number of bottles one would need to fulfill the treatment.

Nomogram:

Pet Wt	Servings	# of pets treated
Under 3 lbs.	2 drops /4 times a day	13.5
3-10 lbs.	5 drops /4 times a day	5.4
11-20 lbs.	10 drops/4 times a day	2.7
21 - 150 lbs.	15 drops/4 times a day	1.8
151-250 lbs.	20 drops/4 times a day	1.4
251-300 lbs.*	25 drops/4 times a day	1.1

*For heavier pets, add 5 drops for each 100 lbs increment.

Administer the appropriate dose in number of drops, as determined by the above weight-based nomogram (chart) between one and four times daily, for up to ten days OR as needed. Twice a day dosing should approximate administration

every 12 hours. Four times a day dosing should approximate administration every six hours. When treating more than one pet with the same dropper, it is necessary to assure sterile administration without carry over from pet to pet. The best way to assure this is to use the dropper only to transfer product to an individual sterile oral syringe—a different syringe for each pet. Those syringes should be sterilized after each use. Each pet should have its own syringe that is not shared with another pet. If a syringe is not readily available, until one can be found, one may mix the product with a larger volume of flavored fluid (e.g. tuna or salmon water) that is to be lapped from a bowl. However, the use of a syringe assures a more accurate dose.

Co-administration of Hawthorn & Dandelion™ with HWF™ should be used through the duration of the treatment. The Hawthorn & Dandelion™ is used to strengthen the heart, and act as a mild diuretic. Hawthorn & Dandelion™ may need further usage beyond

the use of HWF treatment due to the damage heartworms can cause. If further Hawthorn & Dandelion™ is deemed necessary for the pet, then a maximum use of this product is six months. At that time a one week period off product is mandated, as is clinical discussion with your veterinary health care provider or with the staff at Amber Technology concerning re-administration of Hawthorn & Dandelion beyond that time period.

"related to the heart" and comes from the Greek καρδιά, kardia, for "heart." The heart is composed of cardiac muscle, an involuntary muscle tissue which is found only within this organ. cardiomyopathy (cardio = heart, myo = muscle, pathy = disease).

The common heart diseases suffered by dogs often lead to heart failure. Dogs will generally suffer what is called Congestive Heart Failure (CHF), a relatively slow worsening of symptoms as the heart struggles to compensate for whatever defect or disease is present. As the condition develops, it will affect all other organs in the body that rely on the efficient supply of nutrient-rich blood.

Hawthorn & Dandelion™ extract has been developed to help strengthen your pet's heart, improve circulation and may be used as a diuretic. It is being used in conditions such as heartworms. Heartworms is a condition that can cause Congestive Heart Failure.

Properties & Mechanism of Action

The heart is a muscular organ responsible for pumping blood through the blood vessels by repeated, rhythmic contractions. It is divided into four chambers, two on the left and two on the right.

The term cardiac (as in cardiology) means

Two common types of heart disease in canines:

Type one - the dog's heart valves lose their ability to close properly, causing abnormal blood flow.

Type two - the muscular walls of a dog's heart become thinned and weakened.

Both will develop gradually over time resulting in the same serious condition called heart failure.

Heart failure can happen to dogs of all ages. In the young, this is typically the result of congenital abnormalities in the formation of the heart or blood vessels, which surround it. In older animals, it is usually a case in which one side or chamber is weakened or over worked due to altered circulatory patterns.

Of the dogs in the United States examined annually by a veterinarian, approximately 3.2 million have some form of acquired heart disease and may be in heart failure.

Your Animal's Health is Our Concern!

Signs of heart disease in dogs:

Although some of the early stages of heart failure in dogs have no visible signs, heart failure can be diagnosed through a clinical evaluation by a veterinarian.

Dogs with mild to moderate heart failure:

- Heart Enlargement
- Lethargy
- Difficulty Breathing
- Elevated Blood Pressure
- Pulmonary Edema (which causes the animal to cough as to clear the lungs)

Severe heart failure:

- All of the above and
- Weakness
- Difficulty Breathing (even at rest)
- Fainting
- Profound Intolerance to Exercise
- Loss of Appetite
- Weight Loss.

Heart Disease in Felines:

The most common type of heart disease in felines is HCM (Hypertrophic Cardiomyopathy). HCM is a heart disorder in which the left wall of the heart grows and thickens.

Symptoms of HCM are most frequently seen in young and middle-aged male cats, usually before the age of 5-6, but have been recorded in cats as young as 8 months and as old as 16.

The symptoms could be one or several of the following:

- Lack of Appetite
- Increased Weariness / Lethargy
- Less activity
- Difficulty in Breathing
- Gagging
- Weight Loss
- Coughing

Another serious symptom is hind limb pain or paralysis, which results from a blood clot within

distal aorta, back in the rear limbs where the aorta splits. You should contact a veterinarian immediately if you notice these symptoms.

Never give your cat aspirin or paracetamol without first having consulted a vet! Amber Technology has developed a product called *Adizone C™* for Felines. *Adizone C™* for Felines can help your cat with a few of these symptoms. *Hawthorn & Dandelion™* has been developed to help strengthen your cat's heart.

Hawthorn & Dandelion™ should only be used to treat specific ailments and conditions. If treating diseases pose risk for heart damage (such as heartworms) then *Hawthorn & Dandelion™* can be used as a preventative measure. There are few things that one can do to prevent heart disease. Diagnosing the disease earlier in its course is very helpful in slowing the progression. Notify your veterinarian of any signs of heart failure in your pet. Keeping your pet healthy and at his ideal weight can lessen the severity of symptoms heart disease generates. Good oral health is also important. A healthy diet and exercise during all seasons of the year with

exceptions to extremely cold days, smoggy air and during extreme weather conditions (consult your veterinarian before exercising your pet if heart disease is present).

Care & Storage:

Hawthorn & Dandelion™ has a four year shelf life from date stamped on the bottle when stored in a cool dry place. Keep product out of direct sunlight. For comments or questions, please contact Amber Technology at www.ambertech.com or (toll free) 877-727-8243.

Hawthorn & Dandelion Contains:

Hawthorn – Diuretic, Antispasmodic. Hawthorn is primarily used to improve cardiovascular health. Modern research has proven hawthorn to be valuable as an herb to treat cardiovascular problems and

promote a healthy heart. It causes more blood flow to reach the muscles of the heart. Hawthorn can also help to reduce the incidence of angina, which is a spasm of the blood vessels, improve the smooth muscle walls of the rest of the circulatory system, improve blood pressure, improve circulation and treat symptoms of mild heart failure, decreasing the occurrence of chest pain, reducing atherosclerosis, and helping with trouble sleeping. Hawthorn will not stop an angina attack. Hawthorn is an herbal product. It works by widening blood vessels, especially heart blood vessels, which results in increased heart blood flow.

Dandelion – Diuretic, Detoxifier. Research has shown that Dandelion works well as a diuretic, but the mechanism for its work is not understood. Research in Germany showed that it helped to detoxify the body and stimulate the production of bile. Dandelion helps with water retention, regulation of blood glucose, upset stomach, urinary tract infections, kidney and bladder stones, liver and loss of appetite.

Ethyl Alcohol – Preservative, Intensifier.

Intensifies, while preserving the properties of this herbal tincture.

Distilled Water.

Additional AT Products:

For a complete list of Amber Technology products and more information about Amber Technology products, visit our website.

- ADIZONE™** ADIZONE - Herbs Demonstrated to Reduce inflammation.*
- ADIZONE™** ADIZONE C – Herbs Demonstrated to Reduce Inflammation in cats.*
- Derma Nerv™** Derma Nerv - Relief from mental fatigue, poor memory, nerve pain, aids in nervous tension, insomnia, thyroid disorders, itching, & helps rebuild nerves.*
- HAWTHORN & DANDELION™** Hawthorn & Dandelion - Supports and strengthens the Heart Muscle, Improves Circulation and may be used as a diuretic.*
- INTERNAL GOLD DETOX KIT™** INTERNAL GOLD DETOX KIT – A whole body detox and rejuvenating kit.
- KENNELKOFF™** KENNEL-KOFF - An anti-microbial designed to help animals overcome upper-respiratory ailments.*
- Kidney Rejuvenator™** KIDNEY REJUVENATOR – Helps support normal kidney functions.*.

KITTY DISTEMPAID™ KITTY DISTEMPAID - Herbs formulated to promote normalization of the digestive tract functions in the face of diarrhea, vomiting, gas, cramps, and other intestinal dysfunctions.*

KOCCI FREE™ KOCCI FREE – An herbal anti-parasitic designed to help your pet overcome microscopic parasites.*

LIFE CELL SUPPORT™ LIFE CELL SUPPORT – Supports the body's natural process of detoxification.*

NUMO CARE™ NUMO CARE – Herbs formulated to promote normalization of lung and upper respiratory functions.*

OTALGIA DROPS™ OTALGIA DROPS - Ear drops for the use in the reduction & elimination of ear inflammation, to include tenderness.*

PET'S COUGH & COLD™ PET'S COUGH & COLD FORMULA - Helps in the reduction of cough associated with bronchopulmonary, nasal, & sinus disorders.*

PET'S PAIN FORMULA™ PET'S PAIN FORMULA – Helps reduce inflammation, body aches, fever & motion sickness.*

TUMMY TROUBLE™ TUMMY TROUBLE - Promotes the normalization of digestive tract functions.*

TYD™ TYD – Normalizing the thyroid gland.*

URINARY TRACT RELIEF™ URINARY TRACT RELIEF - Designed to support the body's normal urinary tract functions to include the associated discomforts.*

VACCINATION & WORMER DETOX™ VACCINATION & WORMER DETOX- Helps promote the body's natural cleansing mechanisms to clear post-vaccination & wormer responses.*

VIBACTRA™ VIBACTRA- A formula designed to enhance immunity through natural antibiotic and antioxidant activities.*

VIBACTRA plus™ VIBACTRA PLUS - A special combination of herbs demonstrated to enhance immunity through natural antibiotic, antioxidant and microscopic parasitical activities.*

PARVAID™ PARVAID – formulated to promote normalization of the digestive tract functions and other intestinal dysfunctions*

CARE KITS™ CARE KITS - Contains products specially formulated to help your pet overcome illnesses they may encounter. These kits have immunity enhancements to give added protection as well as reduce free radicals, which are important for optimum health.

**These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.*



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 Nutraceuticals For Pets

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