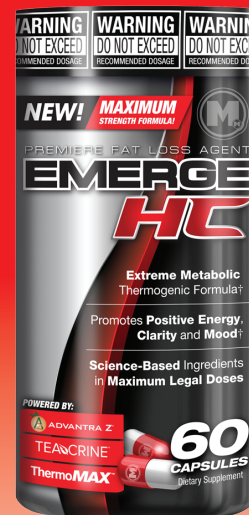




PRODUCT DATA SHEET

PREMIERE FAT LOSS AGENT **EMERGE™** **HC**



Size: 60 Capsules | Serving Size: Two (2) Capsules | Servings Per Container: 30

Maximum Strength Formula!

Emerg™ Hardcore was developed to be the premier and most powerful fat loss product available. The key features of **Emerg™ Hardcore** are the ThermoMax™ Blend that contains Caffeine, Gynostemma pentaphyllum, Berberine, Green Tea Extract and Yohimbine and the Emerg™ Hardcore Blend that contains Advantra Z®, Quercetin, TeaCrine® and Cissus quadrangularis. It's very significant to this formula that these ingredients are supported by published clinical scientific evidence for safety and efficacy to suppress appetite, provide maximum calorie burning specifically fat, increase metabolic thermogenesis, support a positive mood, and increase mental clarity, focus and motivation. **Emerg™ Hardcore** is clearly a fat loss revolution with benefits that can ultimately lead to enhanced lean body composition changes.†

Emerg™ Hardcore delivers the patented ingredient Advantra Z®, an extract of a citrus fruit (Citrus aurantium). Advantra Z® is a leading thermogenic nutrient and contains a complete and naturally occurring synergistic family of bioactive amines including synephrine, N-methyltyramine, hordenine, octopamine and tyramine. The form of synephrine in Advantra Z® is called P-synephrine and is the only safe form for humans. Advantra Z® has been shown to be safe and effective in over 30 research studies and scientific reviews. Clinical efficacy studies have found Advantra Z® stimulates metabolic thermogenesis, promotes fat breakdown, increases the ratio of lean muscle to total body mass, improves athletic performance and exerts an appetite suppressing effect. Most importantly, Advantra Z® has no effect on normal cardiovascular function and is unequivocally safe for human consumption.†

TeaCrine® is a novel purine alkaloid containing concentrated levels of pure theacrine (1,3,7,9-tetramethyluric acid, >98%), which can be found in natural sources such as the Camellia assamica var. kucha tealeaf, coffee and other exotic fruits. TeaCrine® has a chemical structure very similar to caffeine, but has beneficial effects that go beyond caffeine. If caffeine is gasoline, TeaCrine® is jetfuel. Based on preclinical and clinical research, TeaCrine® has been proven to be safe in humans. TeaCrine® works within the body's natural metabolic processes to deliver longer lasting benefits and has been shown to be effective in increasing energy production, supporting a positive mood, increasing mental clarity and focus and increasing motivation. The energy boosting effects of TeaCrine® has been shown to last for hours.†

Unique to the **Emerg™ Hardcore** formula is the combination of TeaCrine®, Caffeine and Standardized Green Tea Extract. Caffeine is an extensively researched ingredient that enhances fuel partitioning and providing effective thermogenic, metabolic and fat oxidation effect in humans. Standardized Green Tea Extract, containing highly concentrated levels of EGCG, has also been added and supported by numerous published clinical studies showing EGCG is effective in reducing body weight, mainly body fat, by increasing thermogenesis and fat burning. Green Tea Extract boosts and supports mood, enhances energy and promotes a sense of well-being.†

Yohimbine is the primary active alkaloid in the yohimbe plant (bark) and an extremely potent alpha-2-adrenergic antagonist that stimulates fat release from deep fat stores. Berberine is a compound derived from the Chinese medicinal plant Coptis chinensis. Studies have shown that Berberine increases energy expenditure, limits weight gain, enhances thermogenesis and enhances brown adipose tissue (BAT) activity in obese mice. Berberine also inhibits AMP-activated protein kinase (AMPK) that is a key sensor and regulator of glucose, lipid and energy expenditure in the body. Activation of AMPK improves metabolic abnormalities associated with metabolic diseases including obesity and type-2 diabetes.†

The oriental traditional medicinal herbal plant, Gynostemma pentaphyllum, has shown a wide range of beneficial effects on glucose and lipid metabolism. In this study, we found that G. pentaphyllum contains two novel dammarane-type saponins designated as damulin A and damulin B that strongly activate AMPK in cultured L6 myotube cells. Damulins A and B also increased β -oxidation and glucose uptake with increasing GLUT4 translocation to the plasma membrane in L6 myotube cells. Quercetin is a polyphenol and one of the most common and effective dietary antioxidants. Published scientific evidence shows that quercetin has anti-obesity activity through mitogen-activated protein kinase and adenine monophosphate-activated protein kinase signaling pathways. Additionally, quercetin reduces obesity-related inflammation.†

Emerg™ Hardcore will provide you with the most powerful and results-oriented solution with proven science-based ingredients to produce the great body you are after.†

As with any weight loss product, this dietary supplement is most effective when used in conjunction with a reduced caloric diet, exercise and behavior modification program.

KEY FEATURES

- **Extreme Metabolic Thermogenic Formula†**
- **Promotes Positive Energy, Clarity and Mood†**
- **Science-Based Ingredients in Powerful Doses**
- **Key ingredients in efficacious doses include Advantra Z®, TeaCrine®, Gynostemma pentaphyllum, Caffeine, Berberine, Green Tea Extract, Quercetin, Cissus quadrangularis and Yohimbine**

KEY MESSAGES

- Advantra Z® (Citrus aurantium) contains a complete and naturally occurring synergistic family of bioactive amines including synephrine, N-methyltyramine, hordenine, octopamine and tyramine.
- Advantra Z® has been shown to be safe and effective in over 30 research studies and scientific reviews to stimulate metabolic thermogenesis, promote fat breakdown, increase the ratio of lean muscle to total body mass, improves athletic performance and exerts an appetite suppressing effect.†
- TeaCrine® is a nature-identical, chemically equivalent bioactive compound of theacrine (1,3,7,9-tetramethyluric acid), in humans.
- TeaCrine® works within the body's natural metabolic processes to deliver longer lasting thermogenic benefits and has been shown to be effective in increasing energy production, supporting a positive mood, increasing mental clarity and focus and increasing motivation.†
- Caffeine is an extensively researched ingredient that enhances fuel partitioning and providing effective thermogenic, metabolic and fat oxidation effect in humans.
- Standardized Green Tea Extract, containing highly concentrated levels of EGCG is effective in reducing body weight, mainly body fat, by increasing thermogenesis and fat burning. Green Tea Extract boosts and supports mood, enhances energy and promotes a sense of well-being.†

(cont'd on p.2)



MANUFACTURED IN THE USA
USING DOMESTIC & INTERNATIONAL INGREDIENTS

YOUR ASSURANCE OF QUALITY®

† 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.



PRODUCT DATA SHEET

P.2

Size: 60 Capsules | Serving Size: Two (2) Capsules | Servings Per Container: 30

Supplement Facts		
Serving Size: Two (2) Capsules Servings Per Container: Thirty (30)		
	Amount Per Serving	% DV*
ThermoMAX™ Blend:	1,207.50 mg	**
Caffeine (Anhydrous)		**
Gynostemma pentaphyllum (Whole Plant)		**
Berberine HCl		**
Green Tea Extract (Leaf)		**
Yohimbine HCl		**
Emerge™ Hardcore Blend:	327 mg	**
Citrus aurantium (as Advantra Z®)		**
Quercetin		**
Theacrine (as TeaCrine®)		**
Cissus quadrangularis Extract (Root)		**

*Percent Daily Values are based on a 2,000 calorie diet.
**Daily Value not established.

Directions: As a dietary supplement, test your tolerance by taking 1 capsule with or without food. If well tolerated, take 2 capsules with or without food. Stay well hydrated throughout the day while using this product especially in hot and humid temperatures. **DO NOT TAKE AFTER 6 PM. MAY CAUSE SLEEPLESSNESS.**

Other Ingredients: Capsule (Gelatin, FD&C Red #40 and Titanium Dioxide), Magnesium Stearate, Silicon Dioxide and Rice Flour.

Manufactured in a cGMP facility that processes milk, egg, fish, Crustacean shellfish, tree nuts, wheat and soybeans.

Caution: Contains 400 mg Caffeine per serving.

KEEP OUT OF THE REACH OF CHILDREN.

STORE IN A COOL, DRY PLACE AWAY FROM MOISTURE, SUNLIGHT AND EXCESS HEAT. ALWAYS KEEP TIGHTLY SEALED.

TEACRINE®

TeaCrine® is a registered trademark and protected by Patents Pending, Serial No. 61/903,362; under exclusive global distribution by Compound Solutions, Inc.



ADVANTRA Z

Advantra Z® is a registered trademark of Nutratech, Inc./Zhishin, LLC licensor of U.S. Patents 6,224,873; 6,316,499; 6,340,481; 6,340,482 and Canadian Patent 2,248,854.

KEY MESSAGES – (cont'd from p.1)

- Yohimbine is the primary active alkaloid in the yohimbe plant (bark) and an extremely potent alpha-2-adrenergic antagonist that stimulates fat release from deep fat stores.
- Berberine, derived from *Coptis chinensis*, increases energy expenditure, limits weight gain, enhances thermogenesis and enhances brown adipose tissue (BAT) activity in obese mice.[†]
- *Gynostemma pentaphyllum* is now known to contain two novel dammarane-type saponins (damulin A and damulin B) that strongly activate AMPK in cultured L6 myotube cells. Damulins A and B also increased β -oxidation and glucose uptake with increasing GluT4 translocation to the plasma membrane in L6 myotube cells.[†]
- Quercetin is a polyphenol and one of the most common and effective dietary antioxidants. Published scientific evidence shows that quercetin has anti-obesity activity through mitogen-activated protein kinase and adenine monophosphate-activated protein kinase signaling pathways. Additionally, quercetin reduces obesity-related inflammation.[†]
- Easy-to-swallow capsules.

TARGET MARKET

Primary: Adults seeking an innovative, best-in-class and very powerful fat burner.

RECOMMENDED STACK

- Max LiquiCarn
- Max CLA
- Quadra Cuts Night Time
- Cleanse & Lean

KEY REFERENCES

1. Hasani-Ranjbar S, Mayebi N, Larjani B, Abdollahi M. A systematic review of the efficacy and safety of herbal medicines used in the treatment of obesity. *World J Gastroenterol.* 2009 Jul 7;15(25):3078-85.
2. Nguyen PH, Gauhar R, Hwang SL, et al. New dammarane-type glucosides as potential activators of AMP-activated protein kinase (AMPK) from *Gynostemma pentaphyllum*. *Bioorg Med Chem.* 2011 Nov 1;19(21):6254-60.
3. Park SH, Huh TL, Kim SY, et al. Antiobesity effect of *Gynostemma pentaphyllum* extract (actiponin): randomized, double-blind, placebo-controlled trial. *Obesity (Silver Spring).* 2014 Jan;22(1):63-71.
4. Haaz S, Fontaine KR, Cutter G, et al. Citrus aurantium and sympathin alkaloids in the treatment of overweight and obesity: an update. *Obesity Rev.* 2006;7:79-88.
5. Feduccia AA, Wang Y, Simms JA, et al. Locomotor activation by theacrine, a purine alkaloid structurally similar to caffeine: involvement of adenosine and dopamine receptors. *Pharmacol Biochem Behav.* 2012 Aug;102(2):241-8.
6. Li WX, Li YF, Zhai YJ, et al. Theacrine, a purine alkaloid obtained from *Camellia assamica* var. *kuccha*, attenuates restraint stress-provoked liver damage in mice. *J Agric Food Chem.* 2013 Jul 3;61(26):6328-35.
7. Wang Y, Yang X, Zheng X, et al. Theacrine, a purine alkaloid with anti-inflammatory and analgesic activities. *Fiterapia.* 2010 Sep;81(6):627-31.
8. Shixian Q, et al. Green tea extract thermogenesis-induced weight loss by epigallocatechin gallate inhibition of catechol-O-methyltransferase. *J Med Food.* 2006;9:451-8.
9. Westertep-Plantenga MS et al. Body weight loss and weight maintenance in relation to habitual caffeine intake and green tea supplementation. *Obes Res.* 2005;13:1195-204.
10. Astrup A et al. Caffeine: a double-blind, placebo-controlled study of its thermogenic, metabolic, and cardiovascular effects in healthy volunteers. *Am J Clin Nutr.* 1990;51:759-67.
11. McCarty MF. Pre-exercise administration of yohimbine may enhance the efficacy of exercise training as a fat loss strategy by lipolysis. *Med Hypothesis.* 2002;58:491-5.
12. Zhang Z, Zhang H, Li B, et al. Berberine activates thermogenesis in white and brown adipose tissue. *Nat Commun.* 2014 Nov 25;5:5493.
13. Zhang J, Tang H, Deng R, et al. Berberine suppresses adipocyte differentiation via decreasing CREB transcriptional activity. *PLoS One.* 2015 Apr 30;10(4):e0125667.
14. Lu J, Cao Y, Cheng K, et al. Berberine regulates neurite outgrowth through AMPK-dependent pathways by lowering energy status. *Exp Cell Res.* Apr 16. pii: S0014-4827(15)00138-X.
15. Stohs SJ, Ray SD. A review and evaluation of the efficacy and safety of *Cissus quadrangularis* extracts. *Phytother Res.* 2013 Aug;27(8):1107-14.
16. Ross SM. Metabolic syndrome: a proprietary extract of *Cissus quadrangularis* formulation in the management of metabolic syndrome, weight loss, and central obesity. *Holist Nurs Pract.* 2012 Jul-Aug;26(4):228-30.
17. Oben J, Kuate D, Agbor G, Momo C, Talla X. The use of *Cissus quadrangularis* formulation in the management of weight loss and metabolic syndrome. *Lipids Health Dis.* 2006 Sep 2;5:14.
18. Nabavi SF, Russo GL, Daglia M, Nabavi SM. Role of quercetin as an alternative for obesity treatment: you are what you eat! *Food Chem.* 2015 Jul 15;179:305-10.



YOUR ASSURANCE OF QUALITY®

† 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.