



HUMAN PERFORMANCE RESOURCE CENTER

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DIETARY SUPPLEMENTS



DIETARY SUPPLEMENTS/PRODUCTS CONTAINING DMAA

Dietary Supplement Products Containing DMAA

Since February 2012, HPRC has maintained a list of currently available commercial products that list DMAA on their product label or website (by any of the names that have been used synonymously; see below). Although we have made reasonable effort to identify as many products as possible, the list likely does not include all such products. In April 2013, FDA announced that “Dietary supplements containing DMAA are illegal and FDA is doing everything within its authority to remove these products from the market.” Subsequently, many products were either discontinued or reformulated, and this list has continued to become shorter with every update since.

Some products have disappeared from the market (and this list), but some retailers still have stock of discontinued/reformulated products that contain DMAA. Somewhat confusing is that newer, non-DMAA versions sometimes have the same product name after reformulation. So it is important to read ingredient labels carefully before using any product, especially those promoted for bodybuilding and weight loss. Note: The list of "discontinued" products now excludes DMAA-containing products that we have been unable to find for sale online since the previous list, although non-DMAA versions may be available.

Many manufacturers clearly identify the “geranium extract” or “geranium oil extract” in their products as 1,3-dimethylamylamine or one of its other equivalent chemical or marketing names. For those that do not, however, we have no way to determine whether the “geranium (oil) extract” identified on the label is a different—possibly natural—product (that is, without DMAA) or some form of synthetic DMAA. The only way to determine positively if a product does or does not contain DMAA is through laboratory testing, so HPRC recommends using only dietary supplements that have evidence of third-party testing by a reputable independent laboratory.

In checking labels, you need to know the numerous terms/synonyms for DMAA. The most common ones are 1,3-dimethylamylamine; methylhexanamine or MHA; dimethylpentylamine or DMP; 4-methylhexan-2-amine; Geranamine; and geranium oil, extract, or stems and leaves. Below is a list of various terms that could appear on a Supplement Facts label of a product containing DMAA:

- 1,3-dimethylamylamine
- 1,3-dimethylpentylamine
- 2-amino-4-methylhexane
- 2-hexanamine,4-methyl-(9Cl)
- 4-methyl-2-hexanamine
- 4-methyl-2-hexylamine
- 4-methylhexan-2-amine (IUPAC)
- C7H17N (chemical formula)
- CAS 105-41-9
- Crane's bill extract 200:1 (misnomer; not necessarily DMAA)
- dimethylamylamine (DMAA)
- dimethylpentylamine (DMP)
- DMAA
- Floradrene
- Forthan
- Forthane
- Fouramin
- Geranamine (Proviant™)
- GeranaX
- Geranium extract
- Geranium flower extract
- Geranium oil
- Geranium oil extract
- Geranium stems and leaves
- Metexaminum
- Methexaminum
- Methylhexanamine
- Methylhexanamine (MHA)
- Pelargonium (various)
- Pentylamine
- synthetic geranium

NOTE: Dietary supplements containing DMAA are not for sale on military installations.

⇒ HPRC will continue to update this list, although less often than before, so do still check back for the latest version.

Product Name	Distributor or Manufacturer	Ingredient as on label/advertising
1,3 D Bomb	Total Body Nutrition USA	1,3 Dimethylamylamine
1,3 Dimethylamylamine	(various distributors & suppliers)	1,3 Dimethylamylamine
3-D Explosion	Generic LabZ	1,3-Dimethylamylamine (Geranium [Stem])
Absolute Pump	Peak Performance Innovations	1,3 Dimethylamylamine
Atomizer	Aviva Nutrition/Active Sports Distribution	1,3-Dimethylamylamine
Blood Rush Pump	Muscle Gauge Nutrition	1,3-Dimethylamylamine
Decimate *	Cygen Laboratories	Geranium
DMAA Powder	(various)	1,3 Dimethylamylamine/DMAA
EPH 100	Delta Health Products	1,3 Dimethyl Amyl Amine
FlashOver	Omega Sports	1,3-dimethylamylamine (from Geranium Oil)
Fruta Planta USA	AGL	4-Methylhexan-2-Amine HCL (Geranium extract leaves and stem)
Geranamine (powder and capsules)	Fusion Supplements	Proviant Technologies™ DMAA
Geranium Extract	Various	1,3-dimethylamylamine
Ignite Energy Boost	Ignite Powder (ASN Distributors)	Geranium (1,3-Dimethylamylamine or Methylhexamine)
JP8x Hardcore	Get Diesel Nutrition	DMAA (1,3-Dimethylpentylamine)
Locked & Loaded *	Geared Up Nutrition	1, 3 – Dimethylamylamine (Geranium)
Matador Extreme Energy	Biofuxion Health Products, Inc.	2-amino-4-methylhexane
NOX Pump	Dorian Yates Nutrition	geranamine
OxyphenXR *	Beta Labs, LTD	1,3 Dimethylamylamine
R.A.M.	Geared Up Nutrition	1,3 Dimethylamylamine
Seirogan Toi A	Taiko Pharmaceutical Co., Ltd.	Powdered Geranium Herb
Suppress NT	Nutrition Alliance International (NSI)	1,3 dimethylamylamine
Therm-O	BioFuxion Health Products, Inc.	2 Aminio-4 Methyl Hexane
Tiger Claw DMAA	Kempo Nutrition	1,3-Dimethylamylamine (Geranium Oil Constitute)

DISCONTINUED/REFORMULATED PRODUCTS:

The following products either are no longer shown on the manufacturer's website (or website no longer exists), have been reformulated to exclude DMAA, or no longer list DMAA on the product label (indicating reformulation); *as of the date of this list, the DMAA-containing products below were still available from stock held by online retail suppliers.* (We have made the assumption that the information on labels and websites is accurate, but only laboratory testing will confirm the absence of DMAA.) *141 products that we have no longer been able to find for sale by online retailers have been removed from the list.*

357 Xtreme Pre-Workout Fuel *	Aviva Nutrition	1,3 Dimethylamylamine HCL
Adralin	CTD Labs	1,3-dimethylamylamine
AdrenHERlyn Cuts	BlackMarket Labs	1,3-Dimethylamylamine HCl
AdreN.O.lyn Bulk	BlackMarket Labs	1,3-Dimethylamylamine HCl
AdreN.O.lyn Cuts	BlackMarket Labs	1,3-Dimethylamylamine HCl
AmiLean Extreme Energy	Ideal Marketing Concepts	DMAA (1,3-Dimethylamylamine (Geranium [Stem]))
Black Widow	Hi-Tech Pharmaceuticals LLC	1,3-Dimethylamylamine
Clear Shot 3X Concentrate	E-Pharm Nutrition	Geranamine
EPH-25 New Formula *	Accelerated Sport Nutraceuticals (ASN)	1,3 dimethylamylamine
EphedraX *	Xcel Sports Nutrition	Methylhexaneamine
Excel Extreme 4D *	Excel Nutritional	Geranium Extract
Fastin-XR	Hi-Tech Pharmaceuticals LLC	1,3-Dimethylamylamine
Fat Smack XR	Purus Labs	2-amino-4-methylhexane
Finaflex Epi-V	Redefine Nutrition	2-amino-4 methylhexane
Finaflex Ignite 2	Redefine Nutrition	2-amino-4 methylhexane
Finaflex N O Ignite	Redefine Nutrition	1,3 Dimethylamylamine
Geranium 25 *	Nutraceuticals	Geranium Maculatum Extract
Heat Accelerated	Magnum Nutraceuticals	Geranamine
Hemo-Rage Black	Nutrex Research (Nutrex Underground)	1,3-Dimethylamylamine HCL

Product Name	Distributor or Manufacturer	Ingredient as on label/advertising
DISCONTINUED/REFORMULATED PRODUCTS (CONTINUED)		
Hyper Trim	Schwartz Laboratories	DMAA (1,3 Dimethylamylamine)
Hyperdrine-ØD	KiloSports Nutrition	1,3 Dimethylamylamine
HyperLean FX7 *	Nova Body Science	2-Amino-4-Methylhexane HCL (Geranium)
Infested *	Xcel Sports Nutrition	Methylhexaneamine
Jack3d	USPLabs/NutraPlanet	1,3-Dimethylamylamine (Geranium [Stem])
Launch Full Impact 4350	SAN Nutrition	Geranalean [Geranium Oil Extract][Std. to 1,3-DMPA]
Lean 650	GenX Labs	Geranamine 91,3-Dimethylamylamine)
Lipodrene Hardcore	Hi-Tech Pharmaceuticals LLC	1,3-Dimethylamylamine
Lipodrene Xtreme	Hi-Tech Pharmaceuticals LLC	1,3-Dimethylamylamine HCl
Mass-Pump XXL	Powerlab Nutrition	Geranium Extract (1,3-Dimethylamylamine)
Melt Xtreme	Lecheek Nutrition	1,3 Dimethylamylamine
Mesomorph	APS Nutrition	Geranium Oil Extract (Geranaburn™)
Methyl Fire	GE Pharma	1,3 Dimethylamylamine (geranium (stem))
MethylHex 4,2	SEI Pharmaceuticals	4-methylhexan-2-amine HCL (geranium extract leaves and stem)
Motivate	Anabolic Innovations	Geranamine (1,3-Dimethylamylamine)
Muscle Spike *	Muscle Fortress	1,3 dimethylamylamine
N2-Stim	Need to Build Muscle Inc	1,3-Dimethyl-5-amine (Mineral Salt Derivative of Geranium Oil)
Nitrox Silver Bullet	Xcel Sports Nutrition	1,3-Dimethylamylamine
Noxipro	CTD Labs	1,3 Dimethylamylamine
Overdose ReduX *	NRG-X Labs	Geranium Maculatum Extract [leaves and stems]
Phenadrine	APS Nutrition	1,3 dimethylamylamine
Plasmatic EP	Engineered Sports Technology (EST)	Geranium Root and Stem (Standardized)
PrePost *	GenX Labs	1,3-Dimethylamylamine
Rocket Fuel Capsules *	Fusion Supplements	1,3 Dimethylamylamine
Ruthless	Science Defined Nutrition	1,3-Dimethylamylamine (Geranium root/stem)
Spirodex	Gaspari Nutrition	Geranium maculatum extract [leaves and stems] standardized for 4-methylhexan-2-amine content
Swagger	MAN Sports	Geranastim(TM) (1,3-dimethylamylamine)
Ultimate Fighting Creatine HCl Serum	MMUSA	1,3-Dimethylamylamine Hydrochloride
Ultra-Thermo (for Women & for Men)	MMUSA	1,3-Dimethylamylamine Hydrochloride
V Ripped *	GenX Labs	1, 3 – Dimethylamylamine
Vaporizer XR *	Aviva Nutrition	1,3 Dimethylamylamine HCL
Vyperize w/DMAA	Professional Supplements	1,3-Dimethylamylamine
White Lightning	APS Nutrition	Geranaburn (geranium oil extract)
Yellow Scorpion	Hi-Tech Pharmaceuticals Inc	1,3 Dimethylamylamine
Youth Addict Torch'd	SavInd Inc.	Dimethylpentalamine: Geranium Oil Constituent
Zenalean Pro *	Accelerated Sport Nutraceuticals (ASN)	Geranium Extract (1,3-Dimethylamylamine)

* Change to list since previous update, including products added, products previously thought to be discontinued/reformulated found to still be active, and products recently discontinued or reformulated to exclude DMAA.

(NOTE: Party pills represent a different category of DMAA-containing products; they are not considered dietary supplements, as they are marketed solely for recreational use, so we are no longer including them on this list. The use of DMAA in party pills led to its ban in New Zealand.)

The Natural Medicines Comprehensive Database (NMCD) also has a list of dietary supplements that contain DMAA, including discontinued ones. This user-friendly database is available for both Warfighters and healthcare professionals who have a “.mil” email address through links on the HPRC website. Choose the appropriate version and follow the instructions to create an account. To view NMCD’s list of products containing DMAA (including discontinued and reformulated products), log on, type “DMAA” in the keyword search box and then click on the link that says “View 313 Products Containing: DMAA (DIMETHYL-AMYLAMINE).” Note that NMCD provides safety ratings for most of these dietary supplement products.