



Data Base

Catnip Oil



Catnip (*Nepeta cataria*) is a perennial herb that is a member of the mint family. It can grow to be up to three feet high! The chemical compound in the plant that attracts and affects cats is called nepetalactone



Nepetalactone is a bicyclic monoterpenoid, a ten-carbon compound derived from isoprene with two fused rings: a cyclopentane and a lactone. It belongs to the class of iridoids.



Catnip (*Nepeta cataria*) essential oil shows a wide range of biological activities, not only cat stimulation, but also relaxant, antispasmodic, insect repellent, and allelopathic activities.



Medicinally, catnip has been used as an antispasmodic, diaphoretic, emmenagogue, nervine, stimulant,

- ▶ and mild sedative. It can also be used to treat diarrhea, colic, the common cold, cancer, tension, and anxiety



The oil of catnip has been isolated by steam distillation.

- ▶ Working with dried plant material, supercritical fluid carbon dioxide is an alternative extraction medium



msds



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Product Name: CATNIP OIL
Product Use: Personal Care Formulations
Company Name: Natural Sourcing
Company Address: 341 Christian Street, Oxford, CT 06478, USA
Date Issued: 7/11/2008
Emergency Telephone Number: Chemtrec Tel: (800) 262-8200

2. COMPOSITION/INGREDIENT INFORMATION

Ingredients:
Catnip essential oil (*Nepeta cataria*) 100%

Hazardous Components: Essential oil and derivatives

CAS #: 8023-84-5

3. HAZARDS IDENTIFICATION

Routes of Entry

Eye Contact: Irritation may occur
Skin Contact: May cause irritation upon prolonged or repeated exposure
Inhalation: Inhalation may cause irritation to lungs and throat
Ingestion: Not known

4. FIRST AID MEASURES

Products in the market



A screenshot of a web browser displaying a Yahoo India image search for 'catnip oil'. The browser's address bar shows the search URL. Below the browser, a grid of various catnip oil products is visible. The products include bottles of different sizes and colors (yellow, green, brown), some with labels like 'CATNIP OIL', 'MINNESOTA BRAND', 'Health & Herbs', 'From the Field', 'PLANT THERAPY', 'Kozima', 'PipingRock', and 'Aurum'. Some products also feature '100% SATISFACTION' or '100% PURE' labels. The bottom of the screenshot shows a Windows taskbar with the search bar, task icons, and system tray showing the time as 21:39 and date as 06-08-2019.

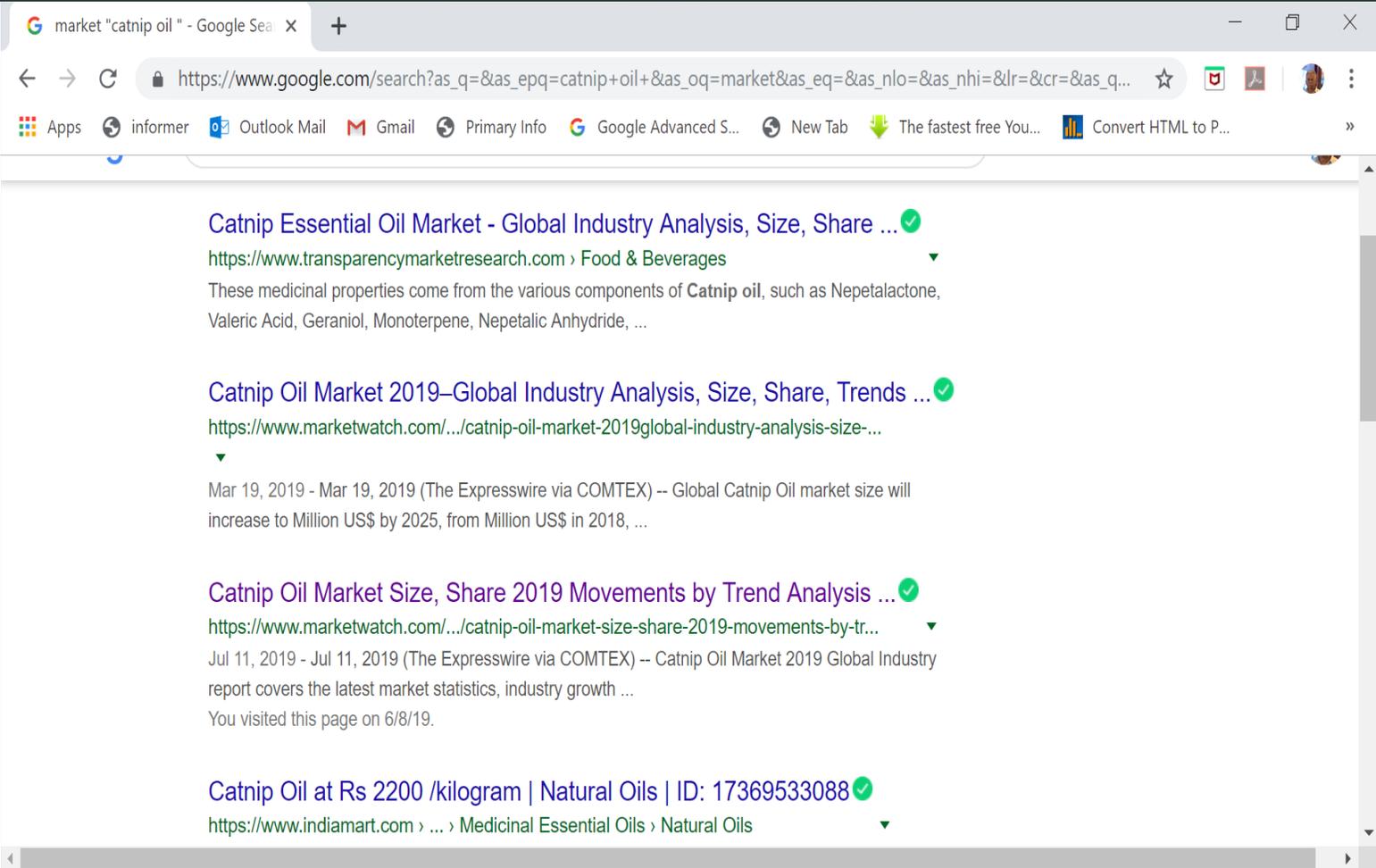
applications



The screenshot shows a web browser window with the following content:

- Browser Tab:** catnip oil applications - Yahoo In
- Address Bar:** https://in.images.search.yahoo.com/search/images;_ylt=AwrXgKJqkldliQAswy7HAx;_ylu=X3oDMTB0N2poMXRwBGNvbG...
- Navigation Bar:** Includes icons for Apps, informer, Outlook Mail, Gmail, Primary Info, Google Advanced S..., New Tab, The fastest free You..., and Convert HTML to P...
- Search Results:**
 - Image 1:** A person's midsection with three glass bottles of catnip essential oil. Text: **Catnip Essential Oil**. Benefits: Reduces bloating, Relieves trapped gas, Prevents gasping, Relaxes asthma attacks, Regulates menstruation.
 - Image 2:** A bottle of OILS4U Catnip essential oil.
 - Image 3:** A small brown bottle of catnip essential oil next to a sprig of catnip.
 - Image 4:** A purple catnip tea box. Text: **CATNIP TEA**. Includes a **WARNING** section.
 - Image 5:** A green box titled **BENEFITS OF CATNIP ESSENTIAL OIL**.
 - Helps to regulate menstruation
 - Helps to cure muscular and respiratory cramps
 - Promotes sweating and helps to remove toxins
 - Helps to cure Alzheimer's and Parkinson's disease
 - Effective in curing insomnia, tension and anxiety
 - Gives relief from acidity and cures stomach disorders
 - Promotes urination and helps in losing weightCaution: Avoid usage during pregnancy.
 - Image 6:** A bottle of Nature's Garden Catnip Essential Oil (5 ml).
 - Image 7:** A bottle of Oil That Glows Catnip essential oil (1.5oz - 4.2oz).
 - Image 8:** A glass jar filled with yellow catnip oil, with a sprig of catnip and a tag that says "Catnip oil".
 - Image 9:** A bottle of Devotion Chemical Catnip Essential Oil.
 - Image 10:** A bottle of TransHerbs Catnip Essential Oil.
 - Image 11:** A green box titled **Catnip Oil Benefits And Uses**. Text: "You may think that catnip is only reserved for your feline friends, but did you know that you can also benefit from using this essential oil? Read on and find out how." Includes a **LEARN MORE** button.
 - Image 12:** A screenshot of the Nature's Garden website showing a product page for **CATNIP-LEAF CUT & SIFTED**.
 - Image 13:** A close-up of a catnip plant.
 - Image 14:** A bottle of organic catnip essential oil.
 - Image 15:** A blue bottle of catnip essential oil.
 - Image 16:** A bottle of EOx Catnip essential oil.
 - Image 17:** A sprig of catnip leaves.

Market scenario



Patent



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(54) **STEAM DISTILLATION OF CATMINT PLANTS** (86) PCT No.: **PCT/US2007/025997**
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 (76) Inventors: **Yamaira Gonzalez**, Newark, DE (US); **Scott Christopher Jackson**, Wilmington, DE (US); **Leo Ernest Manzer**, Wilmington, DE (US) (2), (4) Date: **Jun. 17, 2009**

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 (52) **U.S. Cl.** **424/725**
 (57) **ABSTRACT**

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Windows taskbar: Type here to search, 21:55, 06-08-2019

QUESTIONS?



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