8th World Congress and 11th ISHS Symposium June 8-11th 2008 (Post Congress Tour - June 12th-13th) TORONTO

Tomato & Health Commission Update:

8 June 2008 - Gwen L. Young

Aims for the Tomatoes & Health Commission:

- 1. Collate health benefits of tomato products
- 2. Increase consumption by linking with credible research

Principles to Receive WPTC Endorsement:

- 1. Tomato products must be part of a healthy diet & lifestyle
- 2. Must be scientifically credible





vorld processing tomato council

2008 Label Project

Goal: showcase updated global tomato product labels marketing Tomato Health Information

Countries: 20+

Canada

New Zealand Italy

France Australia

Argentina Spain

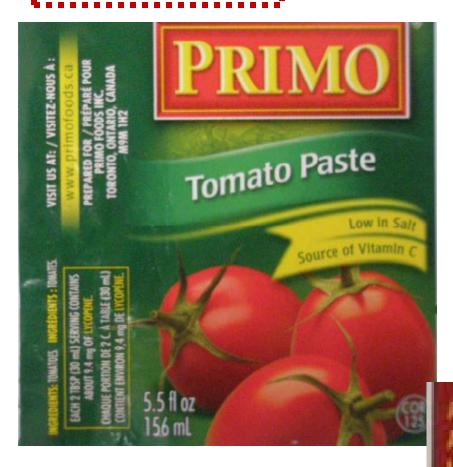
Chile **Portugal**

Hungary Venezuela Sweden Peru, Colombia

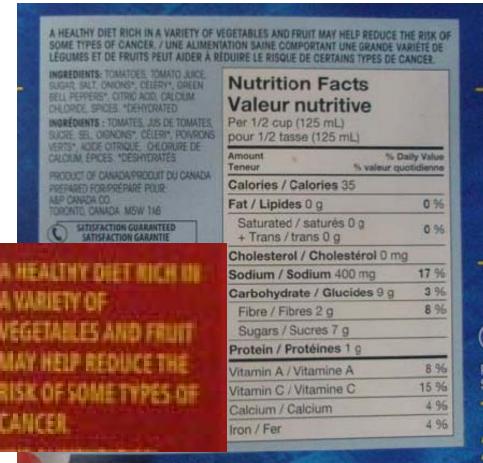
Ecuador UK

Mexico **Poland** China Turkey

USA Japan



Each 2TBSP (30ml) contains 9.4mg lycopene Source of Vitamin C Equality Stewed Tomatoes and Aylmer Tomatoes: A Healthy diet rich in a variety of vegetables and fruit may reduce the risk of some types of cancer



INGREDIENTS: VINE RIPENED TOMATOES.
TOMATO JUICE, SALT, CALCIUM CHLORIDE,
MAY CONTAIN CITRIC ACID.

INGRÉDIENTS : TOMATES MÚRIES SUR LE PLANT, JUS DE TOMATE, SEL, CHLORURE DE CALCIUM, PEUT CONTENIR ACIDE CITRIQUE

A HEALTHY DIET RICH IN A VARIETY OF VEGETABLES AND FRUIT MAY HELP REDUCE THERISK OF SOME TYPES OF CANCER.

CANADA'S FOOD GUIDE TO HEALTHY EATING RECOMMENDS CONSUMING 5-10 SERVINGS OF VEGETABLES AND FRUIT DAILY.

ONE CAN PROVIDES 6 SERVINGS OF FRUITS AND VEGETABLES.

UNE ALIMENTATION SAINE COMPORTANT UNE GRANDE VARIÉTÉ DE FRUITS ET LÉGUMES PEUT AIDER À RÉDUIRE LE RISQUE DE CERTAINS TYPES DE CANCER.

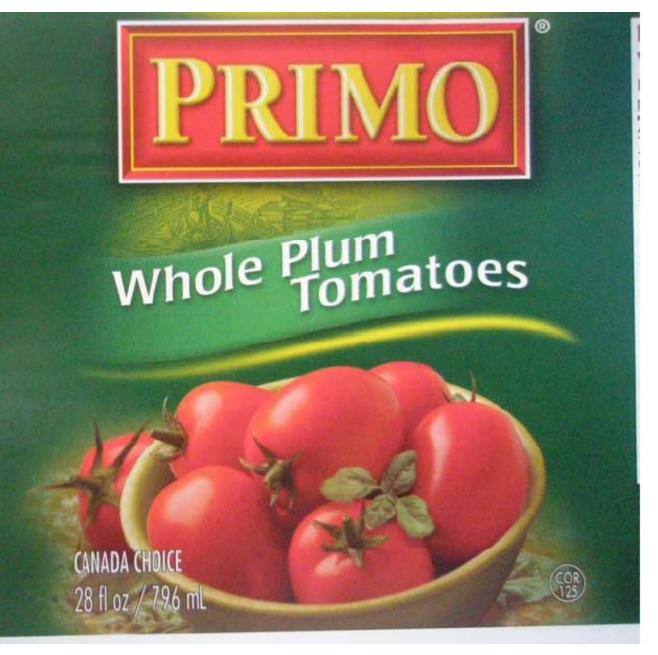
POUR MANGER SAINEMENT
RECOMMANDE DE 5 À 10 PORTIONS DE FRUITS ET LÉGUMES PAR JOUR.

UNE BOÎTE DONNE 6 PORTIONS DE FRUITS ET LÉGUMES.

EACH 1/2 CUP (125 mL) SERVING CONTAINS ABOUT 9.8 mg OF LYCOPENE.

CHAQUE PORTION DE 1/2 TASSE (125 mL) CONTIENT ENVIRON 9.8 mg DE LYCOPÈNE.

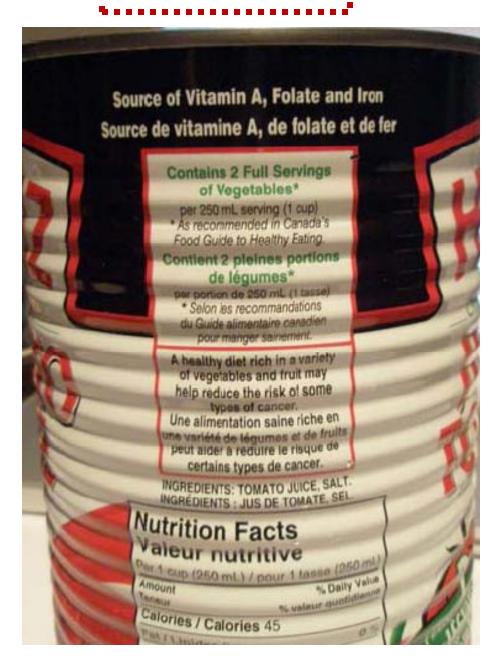






EACH 1/2 CUP (125 mL) SERVING CONTAINS ABOUT 9.8 mg OF LYCOPENE.

CHAQUE PORTION DE 1/2 TASSE (125 mL) CONTIENT ENVIRON 9,8 mg DE LYCOPÈNE.



Heinz Tomato Juice:

Source of Vitamin A, Folate & Iron.

Contains 2 Full servings of Vegetables/* 250ml (1 cup). *As recommended in Canadian Food Guide to healthy Eating.

A diet rich in a variety of vegetables & fruit reduce the risk of some types of cancer.

New Zealand





- Try this recipe in tacos or wraps. Serve with lettuce, tomato, and cheese.
- Add to Spaghetti Bolognese, casseroles, sauces or meatballs...
 ...in fact anywhere you need a rich tomato flavour!
- Gregg's Tomato Paste is a rich, natural source of lycopene.
 Lycopene is a natural antioxidant found in tomatoes.

EACH SACHET IS THE EQUIVALENT OF 2 TABLESPOONS

New Zealand







Energise your day with V8 vegetable juice. Note all the bullet points are a carrot and tomato together, using the healthy image of tomatoes

Australia



√Tomatoes are a great source of the antioxidant Lycopene. Lycopene: 9mg per 100g



√Contains Lycopene Lycopene: XXmg per 100g Supporting Men's Health Proud Sponsor **Movember**

Australia



Rich in Lycopene, a powerful antioxidant. Lycopene: 31mg/100g



Rich, natural source lycopene. Lycopene natural antioxidant found in tomatoes. Lycopene 15mg/100g

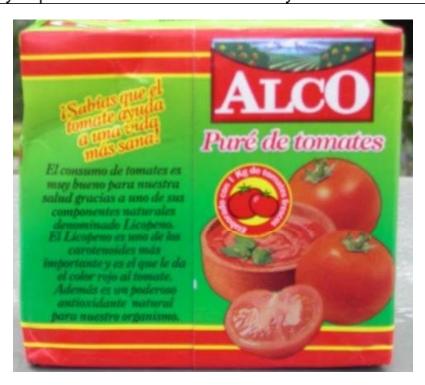
Argentina

ALCO

Did you know that tomatoes help to have a healthy life!

The consumption of tomatoes is very important for our health thanks to a one of its natural compounds called Lycopene. Lycopene is one of the most important carotenoids and is responsible for the red colour of tomatoes. In addition, lycopene is a very important antioxidant for our body.





"Tomato is our ally" Tomatoes have a red pigment called lycopene that has antioxidant properties. Our body absorbs lycopene better when it comes from processed tomatoes that when it comes from fresh tomatoes.

Chile

General Health Statement



International criteria suggests moderate intake of saturated fats, trans fats, sugars, salt. This product meets those recommendations.
Website for details.



Chile



Producto chileno



Venezuela: Made in Australia



Heinz: Rich in lycopene Great source of lycopene. Lycopene gives the red colour to ripe tomatoes and is a powerful antioxidant. Lycopene: 14mg/100ml

Leggos: Rich in lycopene, a powerful antioxidant. Lycopene: 22mg/100g



Peru, Colombia, Ecuador



Source of vitamins A & C Does not contain artificial flavours & preservatives





Hunt's Salsa para Pasta (sauce for pasta), Good Taste, Good for You Hunt's salsa doesn't only enhance the flavor of your favorite dishes, but is a natural source of Potassium. In addition, the Lycopene and the antioxidants in the Vitamins A and C, are naturally present in tomatoes. Cooked tomatoes contain the highest quantity of Lycopene.

China

Health Claims not allowed by Chinese Food Labelling Regulations



Kagome uses high lycopene variety "Lyryco". We use our unique technology "RO" to maintain tomato's natural flavour. Drink Tomato juice is better way for nutrition.





Rich in natural lycopene.
Blended fruit not only makes
product flavour favourable, but
also easier to take balanced
nutrition

China

Health Claims not allowed by Chinese Food Labelling Regulations











Japan





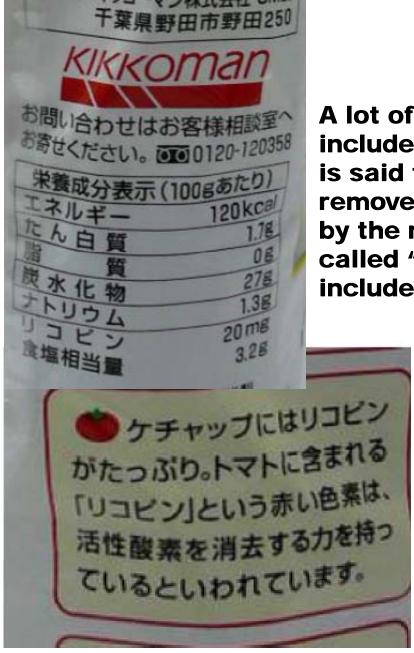
The treasure of the tomato: Lycopene. It is said that the lycopene has removal action of the active oxygen in the red pigment of the tomato The presence of "lycopene" from tomato. Use 2.5 full ripeness tomatoes per 1 serving. Lycopene works to erase active oxygen





Japan





A lot of lycopene is included in ketchup. It is said to have power to remove active oxygen by the red pigment called "lycopene" included in a tomato.

Lycopene removing active oxygen is included in tomato "Ririko" for juices of Kagome about 3 times in comparison with raw edible tomato.

www.lycopene.jp/



Japan

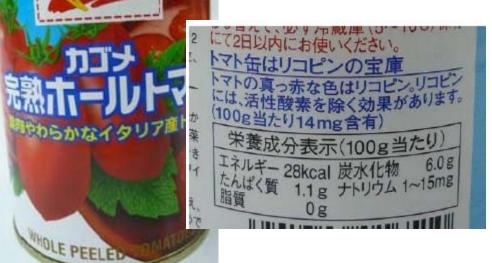




Japan

トマトキッチンスタジオ





The tomato of the canned food is a treasure house of lycopene. What is the color that a tomato is bright red is because lycopene is included. The lycopene is effective in removing active oxygen. 14mg per 100g





Holland

This unique combination of delicious fruit and tomato is a natural source of **vitamin C and lycopene**. Vitamin C supports your immune system. **Tomatoes** are rich in **lycopene**, **a powerful anti-oxidant**. Anti oxidants (like lycopene & vitamin C) protect your body cells against **damage by free radicals**.

- -source of anti oxidants like vitamin C and lycopene.
- -contains 50% of the daily recommended quantity of vitamin C.
- -contains the lycopene of 1 tomato.
- -1 bottle of Sunshine contains a minimum of 2.1 mg lycopene





Holland



Side 1: contains **natural lycopene**.

Side 2: Did you know that tomatoes contain lycopene, a natural antioxidant that helps your protection against free radicals (free radicals can cause damage to body cells and therefore play an important part in the process of aging). The frequent consumption of tomatoes, in combination with a balanced diet, supports well being and health









"Do you know that.....Tomato is naturally rich in Lycopene, the pigment responsible of its red color. Lycopene is a natural antioxidant, which aids to fight free radicals"



Conserve Italia

Recenti studi su diete e salute evidenziano gli effetti benefici di un'alimentazione ricca di frutta e verdura.
Il pomodoro, in particolare, contiene il licopene, un naturale antiossidante, che, combattendo i radicali liberi, contribuisce a preservare il benessere fisico.

"Recent studies on diets and health point out the benefic effects of a diet rich in fruits and vegetables. In Particular, Tomato contains lycopene, a natural antioxidant, which, fighting free radicals, contributes to preserve physical welfare"

Italy

"Tomato is naturally rich in Lycopene, the pigment responsible of its red color. Lycopene is a natural antioxidant, which aids to fight free radicals"



Il pomodoro è naturalmente ricco di Licopene, il pigmento responsabile del suo colore rosso. Il Licopene è un antiossidante naturale che aiuta a combattere i radicali liberi.



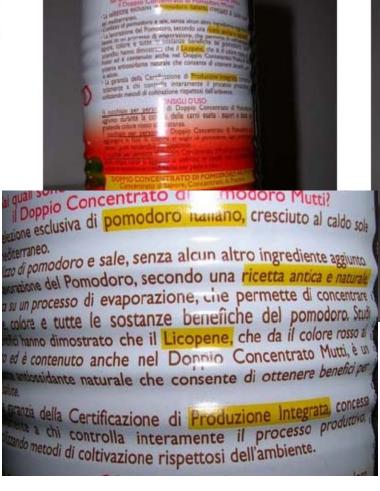


Conserve Italia



Scientific studies demonstrate LYCOPENE, that furnishes the red colour of tomatoes and is contained also in Mutti Tomato Paste is a natural antioxidant, which has health benefits





"One more reason – Besides to be a good and nutrient food, tomato is a big friend for our body. In fact, it contains Lycopene, the natural pigment which gives to tomato its typical red

color and has important antioxidant proprieties"

Italy





Oltre ad essere ento buono e nutriente, il pomodoro è la grande amico del nostro organismo. Contiene, infatti, il Licopene, il pigmento naturale che dà al pomodoro il suo tipico colore rosso e che ha importanti proprietà antiossidanti nei confronti dei radicali liberi, i principali responsabili dell'invecchiamento delle nostre cellule.





France

Naturally rich in lycopene. Within the framework of a varied diet, lycopene contributes to the good balance needed for your vitality. 300ml bottle





Naturally contains lycopene 2mg of lycopene per 10ml serving (500ml bottle)

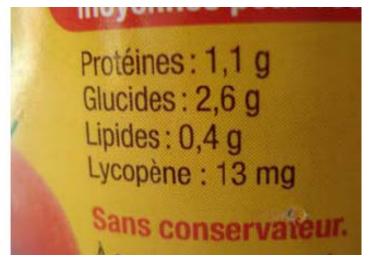




Naturally rich in lycopene Lycopene 13mg / 100g









Ketchup: a good diet is based on pleasure and balance. It is important to eat a varied diet, limiting the consumption of sweet foods.

France

AMORA: "This product respects the international nutrition recommendations which advise a limited consumption of salt, sugars and saturated fatty acids."





One glass of Pampryl Selection brings you the equivalent of one of the 5 recommended daily portions of fruits and vegetables

France

The use of 100g per person of this tomato puree participate actively to covering you daily needs in fruits and vegetables





Forest Fruits & Tomato
Citrus & Tomato
Exotic Fruits & Tomato





Front: Heinz, feels good, tastes better. Contains the natural benefits of tomatoes and helps your defenses with Vitamin C. Contains Natural Lycopene.

- contains 50% of the daily recommended quantity of vitamin C.
- contains the **lycopene present in the tomato** and vitamin C with are **antioxidants** and protect your body from **free radicals**.

Spain





Natural source of Lycopene. Did you know that Lycopene is an antioxidant which is naturally found in tomato and as beneficial effects for your organism.





Naturally contains Lycopene. There is one antioxidant that helps to eliminate the toxic substances for the organism. 100% Natural



Hungary



No preservatives Natural

Sweden

No claims, only Natural

















Source of Lycopene Lycopene: 5mg/ 10ml dessert spoon Lycopene is an antioxidant naturally present in tomatoes. Research has shown that lycopene is important for of health





Lycopene: Typically 10mg per 100g serving
Lycopene is an antioxidant, naturally
present in tomatoes. Research has shown
that lycopene is important for the
maintenance of health.



















this **delicious** can be so good for you?

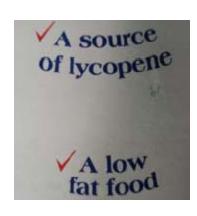
Tomato Juice is a source of Vitamin E which is an antioxidant said to help the body fight against cell damaging free racicals. It also contains the antioxidant Lycopene which your body finds easier to absorb from processed tomatoes.

Drink Libby's Tomato Juice as part of your healthy diet.

Libby's Tomato Juice is a source of lycopene. Lycopene is an antioxidant and there is increasing evidence to show that it helps the body fight cell damaging free radicals.

Ingredients: Tomato Juice (99%), Salt, Citric Acid, Vitamin C, Vitamin E. 5mg Lycopene per 200ml serving. A 200ml serving = 50% of the EC Recommended Daily Allowance of Vitamins C and E.

For Best Before End - See Lid



UK





Every carton of V8 contains 8 nutritious vegetable juices, packed full of flavour and juicy goodness.

V8 juice, it's a deliciously easy way to your 5 a day.



The Original Vegetable Juice

At V8 we think tomatoes are greatpacked with beta carotene, a good source of Vitamin A...



...as well as a wholesome source of fibre.

V8 Original juice also contains Lycopene.

Poland



Practically no company shows tomato and health promotion. Government focus on children's health and 5 A Day vegetables and fruits, plus active lifestyle. Local activities and national.



Poland

100% natural.
No preservatives.
Ideal for your
child.









Manufactured according to the original recipe of McDonalds, made from 24 ripe tomatoes, without colouring agents, preservatives or gluten.

Turkey



Current "Lycopene Depot" statement may be removed due to changes in Turkish regulations.





İçindekler: Kaluğu veyahmış taze domatos, domatos suyu se asitlik düzenleyici (sitrik asit).

Öretim tarihi ve son kullanma tarihi kapuktadar. Bumbah ve sumtih kutulan almayena.

Güney ogjordan korsyunuz.

Türk Cala Kodeksi'ne uygundur.



PARK - MAN OCAL	Bi respe
Dweiji (Kral/Ni)-	EU/AA
Protein (g)	8.92
Yall (d)	8.25
No. As a dealer of the last	2.24

Kapagi achliktar soma burdolahmda soklammas er 3-5 gim içinde tüketümes kapagi andile

Amhalaj: Tarun ve Kiivişleri Bakunlığı ven 62,11,1998 tarih ve 16-00291-00023-9 sayılı izmi ile Tat Komerve Sanayi A.S. Mustafakensilyaşı - Barsa fabrikasındı üretlinisir.









Turkey

Tomatoes are a natural source of Lycopene, an antioxidant may be possible to use





USA



Natural Source of Antioxidants: vitamins A & C and Lycopene. DelMonte Tomatoes are a good source of Antioxidant Vitamins A & C, and a natural source of Lycopene, a powerful Antioxidant. Did You Know? Diets Rich in fruits and vegetables including tomato, may reduce the risk of some types of cancer and other chronic diseases.



American Heart Association + Logo. more than ½ cup veggies / serving, Naturally good source of potassium



22mg lycopene / serving





Fat Free, tomatoes contain Lycopene, a phytochemical and proven antioxidant that fights free radicals in the body.

Ounce for ounce, sun dried tomatoes have 12 times the amount of Lycopene as a raw tomato

More than a full serving of veggies in every ½ cup of pasta sauce.

Eat Smart Logo: US Dietary Guidelines recommend eating a varied, nutritious diet within your calorie needs. Each ½ cup of this organic product contains a full serving of vegetables, is a good source of Vitamin A, contains no cholesterol, and trans fat, and is low in saturated fat.









Hunts: No preservatives or artificial flavours, and a natural source of the antioxidant Lycopene.

LYCOPENE "Natural source of the antioxidant Lycopene". Lycopene is another great reason to love Heinz Ketchup! Lycopene is a powerful antioxidant and is found naturally in Heinz Ketchup (1.5mg per serving) and other processed tomato products. Visit www.lycopene.org for more information on the latest research.





Conclusions:

- Tomato and Health labels have not drastically improved in the past 3 years. In fact many countries have more restrictions in labeling.
- Research must continue to drive excitement in our products with science strengthening health messages
- New products with health messages could drive interest
- Food Safety, quality and value are top of mind
- Must keep focus on global actions such as ADI, Health Claims, Food Safety: Issues impact all of our industry

Thank You!