

Pure Fermentation SIHA[®] Vitamin B₁

SIHA Vitamin B₁ yeast nutrient is a pure, high dosage thiamine (thiamine dichlorhydrate) to improve the metabolism activity of yeast during alcoholic fermentation.

The specific advantages of SIHA Vitamin B₁ yeast nutrient fermentation aid:

- Improved yeast propagation (increased number of cells)
- Suppression of the formation of disturbing higher types of alcohol
- Decreased pyruvic acid (pyruvate) and α -ketoglutarate contents; less SO₂
- Improved final fermentation of difficult-to-ferment grape must
- Enhance reductive fermentation of fresher and more aromatic wines
- Enhanced positive effect on the digestibility of wine

Application

The quantity of Vitamin B₁ yeast nutrient that can be applied is restricted to 0.005 lb/1,000 gal (600 mg/1,000 l) by EU Regulation (EC) No 606/2009.

SIHA Vitamin B₁ yeast nutrient fermentation aid should be added early to the unfermented must prior fermentation or during the second fermentation to wine in order to immediately promote the development of the yeast used. The addition of SIHA Vitamin B₁ yeast nutrient fermentation aid is recommended particularly for musts and wines that are expected to be difficult to ferment such as must from grapes containing increased quantities of fermentation deterring substances, must from decayed grape pickings, or must treated with bentonite.

The practical application is simple:

SIHA Vitamin B₁ yeast nutrient fermentation aid sticks contain 0.339 dr (600 mg) of vitamin B₁ per stick. This means that 1 stick is sufficient for 227 gal (1,000 l) of product to be fermented. Simply tear the sticks open and fully dissolve the content in a small quantity of must or wine.

SIHA Vitamin B₁ yeast nutrient fermentation aid powder is more suitable for processing larger quantities of wine. Completely dissolve the exactly weighed amount of SIHA Vitamin B₁ yeast nutrient fermentation aid powder in a small amount of must or wine.

Add the dissolved SIHA Vitamin B₁ yeast nutrient fermentation aid into the fermentation must while stir constantly. Even distribution in the fermentation tank should be ensured by using high-performance mixers.

Product Characteristics

SIHA Vitamin B₁ yeast nutrient fermentation aid is a pure high-dosage thiamine. It is supplied as thiamine chloride hydrochloride and serves to increase the metabolism activity of yeast during alcoholic fermentation.

Safety

No negative effects are known when used as directed and properly processed.

Further safety information can be found in the relevant Material Safety Data Sheet, which can be downloaded from our website.

Storage

SIHA Vitamin B₁ yeast nutrient fermentation aid powder remains stable for a period of approx. two years if the packaging remains intact. SIHA Vitamin B₁ yeast nutrient fermentation aid sticks can be safely stored for three years.

Store the product in a dry place, tightly sealed in its packaging.

Delivery Information

SIHA Vitamin B₁ yeast nutrient fermentation aid is supplied in the following package sizes:

Article no. 64.402.913
1 stick contains 0.339 dr (600 mg)
of vitamin B1
(50 sticks per carton)

Article no. 64.403.001
3.53 oz (100 g) compound aluminum foil

HS Customs Tariff: 2936 22 0

Certified Quality

SIHA Vitamin B₁ yeast nutrient fermentation aid is regularly tested for uniform high product quality during the production process.

These tests include comprehensive technical function criteria as well as safeness according to food product laws. Additional strict inspections are performed immediately prior to and during final packaging.

SIHA Vitamin B₁ yeast nutrient fermentation aid complies with the purity criteria of the international code for wine treatment products and the provisions of German wine regulations.

North America

44 Apple Street
Tinton Falls, NJ 07724
Toll Free: 800 656-3344
(North America only)
Tel: +1 732 212-4700

Europe/Africa/Middle East

Auf der Heide 2
53947 Nettersheim, Germany
Tel: +49 2486 809-0

Friedensstraße 41
68804 Altlufheim, Germany
Tel: +49 6205 2094-0

An den Nahewiesen 24
55450 Langenlonsheim, Germany
Tel: +49 6704 204-0

China

No. 3, Lane 280,
Linhong Road
Changning District, 200335
Shanghai, P.R. China
Tel: +86 21 5200-0099

Singapore

4 Loyang Lane #04-01/02
Singapore 508914
Tel: +65 6825-1668

Brazil

Av. Julia Gaioli, 474 – Bonsucesso
07251-500 – Guarulhos, Brazil
Tel: +55 11 2465-8822

**For more information, please
email us at filtration@eaton.com
or visit www.eaton.com/filtration**

EN
1 B 2.4.4
09-2015



Powering Business Worldwide

© 2015 Eaton. All rights reserved. All trademarks and registered trademarks are the property of their respective owners. All information and recommendations appearing in this brochure concerning the use of products described herein are based on tests believed to be reliable. However, it is the user's responsibility to determine the suitability for his own use of such products. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by Eaton as to the effects of such use or the results to be obtained. Eaton assumes no liability arising out of the use by others of such products. Nor is the information herein to be construed as absolutely complete, since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.