

# MATERIAL SAFETY DATA SHEET

Dated: May 20th, 2009



## 1. PRODUCT AND COMPANY IDENTIFICATION

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Trade name: JEFO Thiamin 10  
Trade code: VI039  
Product type and use: Vitamin supplement for dairy cattle  
Manufactured by:  
JEFO Nutrition Inc – 5020 Jefe, CP 325 – St Hyacinthe, Québec  
CANADA J2S 7B6  
Emergency telephone number of the company and/or of an authorized advisory centre:  
JEFO Nutrition Inc. : Tel.: (450) 799-2000

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

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Thiamine mononitrate, Hydrogenated vegetable oils.

No hazardous components within the meaning of EEC directive 67-548

## 3. HAZARDS IDENTIFICATION

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No known danger or health problem. May be harmful in case of ingestion of very large quantities.

## 4. FIRST AID MEASURES

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Contact with skin:

None.

Contact with eyes:

Wash immediately with water for at least 10 minutes.

Swallowing:

SEEK A MEDICAL EXAMINATION IMMEDIATELY and present the safety-data sheet.

Inhalation:

Ventilate the premises. Should the patient feel unwell, OBTAIN MEDICAL ATTENTION.

## 5. FIRE-FIGHTING MEASURES

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Recommended extinguishers: Water, CO2, foam, Chemical powders, according to the materials involved in the fire.

Extinguishers not to be used: None in particular.

Risks arising from combustion: Avoid inhaling the fumes.

Protective equipment: Use protection for the respiratory tract.



## 6. ACCIDENTAL RELEASE MEASURES

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### Environmental measures:

Limit leakages with earth or sand. If the product has escaped into a water course, into the drainage system, or has contaminated the ground or vegetation, notify the competent authorities.

### Cleaning methods:

If the product is in a liquid form, stop it from entering the drainage system. Recover the product for re-use if possible, or for elimination. The product might, where appropriate, be absorbed by inert material. After the product has been recovered, rinse the area and materials involved with water.

## 7. HANDLING AND STORAGE

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### Handling precautions:

Avoid contact and inhalation of the dusts and vapours. Do not eat or drink while working.

### Storage conditions:

Store in dry, cool place. Seal the packaging immediately after use.

### Instructions as regards storage premises:

Adequately ventilated premises.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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### Precautionary measures:

Give adequate ventilation to the premises where the product is stored and/or handled.

### Respiratory protection:

Not needed for normal use.

### Protection for hands:

Not needed for normal use.

### Eye protection:

Not needed for normal use.

### Protection for skin:

No special precaution must be adopted for normal use.

### Exposure limit(s) (ACGIH):

None

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance and color :	small beads cream coloured.
Odor :	faint
Flash point:	> 250° C (relative to coating fats)
Water solubility :	partial.



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## **10. STABILITY AND REACTIVITY**

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Conditions to avoid:

Stable under normal conditions. Keep far from heat sources.

Substances to avoid:

The product is combustible. Avoid contact with oxidants and peroxides.

Hazardous decomposition products:

Could produce SO<sub>x</sub>, CO, NO<sub>x</sub>.

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## **11. TOXICOLOGICAL INFORMATION**

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The concentration of each substance should be borne in mind in assessing the toxicological effects deriving from the preparation.

The product does not contain toxicologically relevant substances.

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## **12. ECOLOGICAL INFORMATION**

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Adopt good working practices, so that the product is not released into the environment.

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## **13. DISPOSAL CONSIDERATIONS**

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Recover if possible. In so doing, comply with the local and national regulations currently in force.

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## **14. TRANSPORT INFORMATION**

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Not classified as dangerous in the meaning of transport regulations.

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## **15. OTHER INFORMATION**

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The information contained herein are based on our state of knowledge at the above specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended. This MSDS cancels and replaces any preceding release.