

Material Safety Data Sheet

U.S. Department of Labor Occupational Safety and Health Administration

(Non-Mandatory Form)

Form Approved OMB No. 1218-0072

(May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 910.1200. standard must be consulted for specific requirements.)

IDENTITY (As Used on Label and List):
Vitamin B1 (300 mg.) Trans-dermal Patch

Section I PRODUCT AND COMPANY IDENTIFICATION

Vitamin B1 (300 mg.) Trans-dermal Patch

Manufacturer's Name

AgraCo Technologies International LLC

Address (Number, Street, City, State, and ZIP Code)

220 South Second Street

Dillsburg, Pa 17019

Emergency Telephone Number

1-800-337-4169

Telephone Number for
Information

1-800-337-4169

Date Prepared May 15, 2007

Section II – COMPOSITION/INFORMATION ON INGREDIENTS

Vitamin B1 (300 mg.) Trans-dermal
Patch Hazardous Components (Specific
Chemical Identity; Common Name(s))

CAS #
OSHA
PEL

ACG
IH
TLV

Other
Limits

%
(optional)

N/A

100%

Trans-dermal Vitamin B1 Patch Ingredients

Section III – HAZARDS IDENTIFICATION

Vitamin B1 (300 mg.)
Trans-dermal Patch

Inhal
ation
? No

Skin? **Yes; Trans-
dermal Patch**

Ingestion? **No**

EMERGENCY

OVERVIEW Route(s) of
Entry:

Trans-dermal Patch

Health Hazards (*Acute and Chronic*) **No Known Health Hazards From Trans-dermal
Application**

Carcinogenicity: NTP?

N/A

No

IARC Monographs?

No

OSHA Regulated?\

No

Signs and Symptoms of Exposure:

Characteristic Slight Odor of Vitamin B1

Medical Conditions Generally Aggravated by Exposure: **None**

Section IV – FIRST AID MEASURES

Vitamin B1 (300 mg.) Trans-dermal Patch Emergency And First Aid
Procedures: **Remove Patch; Drink Water and Contact Physician or Poison Control Center. Wash Patch Area with Soap and Water**

Section V – FIRE FIGHTING MEASURES

Vitamin B1 (300 mg.) Trans-dermal Patch Flash Point (Method Used) N/A
Explosive Limits N/A
LEL **N/A**
UEL **N/A**

Extinguishing Media
Water, CO₂ as appropriate for surrounding material.

Flammable Properties and Hazards **N/A**

Hazardous Combustion Products **N/A**

Section VI – ACCIDENTAL RELEASE MEASURES

Vitamin B1 (300 mg.) Trans-dermal Patch Steps to Be Taken in Case
Material is Released or Spilled
Dispose of as Common Municipal Waste.

Section VII – HANDLING AND STORAGE

Vitamin B1 (300 mg.) Trans-dermal Patch Hazard label Information: Vitamin
B1 – Thiamin - **Store In a Cool Dry Area**
Precautions To be taken In Handling and Storing : **None**

Section VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

Vitamin B1 (300 mg.) Trans-dermal Patch Respiratory Protection (*Specify Type*) **NONE – Trans-Dermal Patch**

Ventilation	Local Exhaust	Special
N/A	Sufficient	N/A
Mechanical (<i>General</i>)	Other	
N/A	N/A	

Section IX - PHYSICAL/CHEMICAL CHARACTERISTICS

Vitamin B1 (300 mg.) Trans-dermal Patch

Physical States:

Boiling Point N/A	Specific Gravity (H ₂ O = 1) N/A
Vapor Pressure (mm Hg) N/A	Melting Point N/A
Vapor Density (AIR = 1) N/A	Evaporation Rate (Butyl Acetate = 1) N/A
Solubility in Water Water Soluble	
Appearance and Odor Adhesive Patch, Distinctive Slight Odor of Vitamin B1 Thiamin	

Section X – STABILITY AND REACTIVITY

Vitamin B1 (300 mg.) Trans-dermal Patch

Physical States: Stability: Stable [x] Unstable [] Incompatibility; Materials To Avoid N/A Hazardous Decomposition Or Byproducts None Known Hazardous Polymerization: Will Occur [] Will Not Occur [x] Conditions To avoid N/A	Conditions To Avoid N/A
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Section XI – TOXICOLOGICAL INFORMATION

Vitamin B1 (300 mg.) Trans-dermal Patch

None – Non-Toxic

Section XII – ECOLOGICAL INFORMATION

Vitamin B1 (300 mg.) Trans-dermal Patch

None – Non-Harmful To the Environment

Section XIII – DISPOSAL CONSIDERATIONS

Vitamin B1 (300 mg.) Trans-dermal Patch

None – Dispose Of As Common Municipal Waste

Section XIV – TRANSPORT INFORMATION

Vitamin B1 (300 mg.) Trans-dermal Patch

DOT Proper Shipping Name

DOT Hazard Label: **None**

UN/NA Number: **None**

Additional Transport Information: **None**

Section XV – REGULATORY INFORMATION

Vitamin B1 (300 mg.) Trans-dermal Patch

*None – **Non-Regulated Vitamin***

Section XVI – OTHER INFORMATION

Vitamin B1 (300 mg.) Trans-dermal Patch

The information and data herein are believed to be accurate and have been compiled from sources believed to be accurate and reliable. It is offered for your consideration, investigation, and verification.

Additional Inquiries Should Be Directed To:



AgraCo Technologies International LLC

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1-800-337-4169
717-502-0350
Fax 717-502-0353*