



Material Safety Data Sheet

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Provitas® MT700

August 27, 2012

1. Chemical product and company identification

Product Name: Provitas® MT700

Product Use: Various / dietary preservative / nutritional supplement

Supplier: Provitas, LLC
5204 Blackhawk Dr.
Plano, TX 75093
+1 (972) 767-8867 phone
+1 (972) 793-8639 fax

2. Composition / information on ingredients

General Chemical Description: mixed tocopherol oil

<u>Components:</u>	<u>CAS no.:</u>	<u>Concentration (wt. %):</u>
Mixed tocopherols	1406-66-2	~70%
Vegetable oil		~30%

3. Hazards identification

Emergency Overview:

May cause irritation. Avoid contact with eyes; may cause irritation and pain. Avoid prolonged, repeated or excessive contact with skin; may cause irritation and discomfort. Avoid prolonged or repeated inhalation of dust; may irritate the respiratory tract. Wear respiratory protection when dust exposure is above permissible exposure limits. Use only with adequate ventilation. Ventilation must be sufficient to limit employee exposure to this product below permissible exposure limits. Wash thoroughly every day after work. Do not eat, drink or smoke in work area.

Delivery state: liquid

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State:	viscous oil
Odor:	characteristic
Color:	amber to dark amber
Route of entry:	skin contact; ingestion

Potential Health Acute Effects:

Inhalation:	considered to be non-toxic based on toxicological data from components
Skin contact:	may cause irritation
Eye contact:	may cause irritation
Ingestion:	considered practically non-toxic

Potential Chronic Health Effects: none known

4. First Aid Measures

Inhalation: Remove from area to fresh air. If symptomatic, contact a poison control center, emergency room or physician for treatment information.

Eye/skin contact: EYE: Remove contact lens and pour a gentle stream of warm water through the affected eye for at least 15 minutes. If irritation persists, contact a poison control center, emergency room, or physician as further treatment may be necessary. SKIN: Run a gentle stream of water over the affected area for 15 minutes. A mild soap may be used if available. If any symptoms persist, contact a poison control center, emergency room or physician as further treatment may be necessary.

Ingestion: Gently wipe or rinse the inside of the mouth with water. Sips of water can be given. Never give anything by mouth to an unconscious person. Contact a poison control center, emergency room or physician for treatment information.

5. Fire Fighting Measures**Flammable/Explosive limits:**

Lower limits:	not determined
Upper limits:	not determined

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Suitable extinguishing media:

Water spray
Foam
Carbon dioxide
Dry Chemical

Unusual fire or explosion hazards:

None known

Additional fire fighting advice:

Not determined

6. Accidental release measures

Process for cleaning and take-up: Pick up spilled material and containerize for recovery or disposal. Vacuum area or flush with water to remove residues.

7. Handling and storage

Storage: Store in a dry and frost-free place. Keep away from heat and direct sunlight.

8. Exposure controls / personal protection

Indication for system design: Not necessary under normal use conditions

Personal protection measures:

Respiratory protection: Use NIOSH approved dust filter respirator for exposure above permissible exposure limits.

Ventilation: Use local exhaust or general room/dilution ventilation sufficient to maintain employee exposure below permissible exposure limits.

Eye and face protection: Safety glasses with side shields or if eye exposure is likely, use tight fitting chemical safety goggles.

Hand protection: No special protection is needed under normal conditions of use. If extended exposure is likely, use cloth, leather or rubber gloves.

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9. Physical and chemical properties**General Description:**

Delivery state: liquid
State: viscous oil
Odor: characteristic
Color: amber to dark amber

Designation	Value	Method
Flash point	267°C	Cleveland Method
Specific gravity	.94	calculated
Solubility in H ₂ O	not soluble	no information
Analysis:		
Volatile matter	0%	no information
Volatile organic components	0%	no information

10. Stability and reactivity**Stability:**

Dangerous decomposition products: none if used for intended purpose

Decomposition advices: no decomposition if used according to specifications

Reactivity:

Materials to avoid: none known

Hazardous polymerization: will not occur

11. Toxicological information

General toxicological information: the present product is a chemical preparation within the meaning of the chemicals act. The following evaluation has been made on the basis of the toxicological data and content by weight of the individual ingredients.

Acute oral toxicity: NOEL (Oral, rat) \geq 180mg/kg/day

Skin irritation: mildly irritating

Eye irritation: mildly irritating

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12. Ecological information

General ecological information: the ecological evaluation of the product is based on data from the raw material and/or comparable substances.

Biodegradability: not readily biodegradable

Further Ecological Information: This product has no known eco-toxicological effects. Information given is based on data on the components and the ecotoxicology of similar products.

13. Disposal considerations

Waste disposal of product: Dispose of in an approved landfill in accordance with federal, state / provincial and local regulations. This product, if disposed as shipped, is not a hazardous waste as specified in 40 CFR 261.

14. Transportation information

General information: not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR, CFR and TDG

The transport information provided represents the regulatory transport classification of the product without consideration to packaging, quantity or modal restrictions and exceptions. It is the user's responsibility to determine the appropriate packaging and modal requirements and/or limitations for the product quantity being shipped.

15. Regulatory information

TSCA Inventory Status: This product and/or all of its components are either included on or exempt from the TSCA Inventory of Chemicals Substances.

SARA 311/312 Hazard Categories: None

TSCA 12(b) Components: None

SARA 313 Toxic Chemicals: None

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SARA 302 Extremely Hazardous Substances: None

CERCLA Hazardous Chemicals: None

California Proposition 65: No California Proposition 65 listed chemicals are known to be present.

16. Other information

NFPA Rating (RS)	Value
Health	1
Fire	1
Reactivity	0
Special Hazard	

HMIS Rating (RS)	Value
Health	1
Fire	1
Reactivity	0
Special Hazard	

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All information, recommendations and suggestions appearing herein concerning our product are based upon tests and data believed to be reliable. However, it is the user's responsibility to determine the safety, toxicity and suitability for use of the product described herein. Since the actual use by others is beyond our control, no guarantee, express or implied is being made as to the effects of such use, the results obtained, or the safety and toxicity of the product nor is there any assumed liability arising out of use, by others, of the product referred to herein. The information herein is not 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.