

GROWVIT \_ FORTE \_ SHEEP \_ LAMB

**MATERIAL SAFETY DATA SHEET**  
**Growvit (Forte, Sheep, Lamb, Calf)**

**SECTION I**

Synonyms	Not Applicable
Chemical Formula	Not Applicable
CAS Reg No.	Not Applicable
Einecs No	Not Applicable

Product Use Liquid Animal Feed Supplement

**SECTION II. COMPOSITION/INFORMATION ON INGREDIENTS**

**Chemical ingredients: % by weight**

Vitamin C Riboflavin 5 Sodium Phosphate, Lutavit B6,Vitamin B12,,D – Panthenol,Folic Acid, Nicotinamide ,Vit B1,Vitamin K ,Cobalt Sulphate, Manganese Sulphate ,Zinc Sulphate,Methionine Sodium selenite Biotin L-Lysine Sorbithorm,Potassium Sorbate Di Calcium Phosphate,Ferric Ammonium Citrate, Vitamin A Propionate Vitamin D3 Vitamin E Acetate Methylhydroxybenzoate Copper (Forte)	50%
Molasses-	40%
Water	10%

<b><u>Exposure Limits (8 hour TWA)</u></b>	<b><u>OSHA PEL</u></b>	<b><u>ACGIH TLV</u></b>
None established	None established	None established

**SECTION III. HAZARDS IDENTIFICATION**

**Emergency Overview**

Light brown to brown liquid with characteristic molasses odor.

**DANGER: NONE**

**Potential Health Effects**

NONE

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**SECTION IV. FIRST AID PROCEDURES**

**IF IN EYES:** Immediately flush with plenty of water for at least 15 minutes.  
Get medical attention.

**IF ON SKIN:** Flush skin with plenty of water, remove contaminated clothing.  
Wash clothing before reuse.

**IF INHALED:** None.

**IF SWALLOWED:** Do Not induce vomiting. Get immediate medical attention. Show this information and the product label to the doctor.

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**SECTION V. FIRE FIGHTING MEASURES****Flammable properties:**

Growvite contains approximately 40% molasses which may burn. Combined with the other ingredients and the plastic container this product may burn to give off toxic fumes.

**Flash Point:**

*No flash point observed.*

**Extinguishing Media:**

Water spray, foam, dry chemical, CO<sub>2</sub> or Class B extinguishing agent. Dike and collect water used to fight fire as runoff may cause slight environmental damage.

**Firefighting Instructions:**

As in any fire, wear self-contained breathing apparatus (pressure demand, MSHA/NIOSH approved or equivalent) and full protective gear. Equipment should be thoroughly decontaminated after use.

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**SECTION VI, ACCIDENTAL RELEASE MEASURES**

Observe all protection and safety precautions when cleaning up spills. Refer to section III. Hazards Identification and Section VIII, Exposure Controls/Personal Protection.

**SECTION VI (continued)****ACCIDENTAL RELEASE MEASURE****Small spill:**

Keep people away, Absorb spills on floor or other impervious surfaces with Lime, clays or other non-biodegradable materials. Collect contaminated sorbent and place in a plastic-lined drum. After removing all possible material, wash contaminated surface with industrial detergent solution and rinse with water.

**Large spill:**

Keep people away, Contain where possible to prevent runoff from entering storm sewers and ditches which lead to waterways. Pick up all contaminated soil and product and place in a plastic-lined drum.

**Water spill:**

Keep people away. If containment and clean up is not possible, dilute to decrease BOD.

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**SECTION VIII,  
HANDLING AND STORAGE**

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**Handling:**

Avoid contact with eyes, skin or clothing. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling. Emptied containers contain product residue. Follow all MSDS and label precautions until container is cleaned, reconditioned or destroyed..

**Storage:**

Store under sanitary conditions with other feed ingredients. Do not store near combustible materials, Keep container closed when not in use. Protect from extremes of temperature.

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**SECTION VIII, continued**

**EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Eye protection**

Facilities storing or using product should be equipped with an immediately available eye wash facility.

**Skin protection:**

Wash thoroughly after handling product.

**SECTION VIII, EXPOSURE CONTROLS/PERSONAL PROTECTION**

**(continued)**

**Respiratory protection:**

Not needed

**Ventilation:**

Good general ventilation should be sufficient

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**SECTION IX. PHYSICAL AND CHEMICAL PROPRITIES**

Appearance:	Dark brown liquid
Specific Gravity @25 C:	1-1.21
Solubility in Water:	Completely soluble
PH:	6.0-6.8
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NOTE: these physical date are typical values based on material tested, but may vary from sample to sample typical values should be construed as guaranteed analysis of any specific lot or as specification items.

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**SECTION X. STABILITY AND REACTIVITY**

**Stability:** Stable under expected and reasonable conditions of storage and use.

**Incompatibilities:** Avoid contact with strong oxidizing agents.

**Hazardous Decomposition Products:** No uniquely hazardous decomposition products are expected. If the product is burned, toxic fumes may be produced.

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**SECTION XI, REGULATORY INFORMATION**

**SARA Harad Notification:**

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Physical & Health Categories. 40 CFR part 370:

- Fire Hazard

**Section 313 Toxic Chemical (s):** Not applicable

**OSHA Hazard Communication Standard:** This chemical is not hazardous under the criteria of the OSHA Hazard Communication Standard (29 CFR 1910.1200)

**NFPA Hazard Identification Label:** Health -1 (slight hazard): Fire Hazard- 1 (flash point 200 F): Reactivity-0: Reactivity-0 (stable): Specific Hazard-None.

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## SECTION XII. OTHER INFORMATION

Label text:

**Keep out of reach of children**

**FIRST AID: IF IN EYES,** immediately flush with plenty of water for at least 15 minutes

### SECTION X111. OTHER INFORMATION (continued)

**Label Text: IF ON SKIN,** immediately flush with plenty of water. Remove contaminated clothing. . Wash clothing before reuse.

**In case of: SPILL OR LEAK,** keep people away. Contain large spills with dry earth or sand and remove by vacuum truck for disposal. Small spills can be placed in plastic lined drums for disposal. All spills should be prevented from entering water way. Disposal should be in accordance with Federal state or local procedures. Emptied container retains product residue.

Observe all labeled safeguards until container is cleaned, reconditioned or destroyed.

**Prepared By: Univet**

**Approved Date: 14 September 2010**

FOR ADDITIONAL NON EMERGENCY INFORMATION CONTACT:

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