

Harvest More 20-20-20+TE

Material Safety Data Sheet (rev.02/09/10)

**SECTION I**
**PRODUCT IDENTIFICATION**
**NFPA HAZARD RATINGS**

 HEALTH HAZARD 1      FIRE HAZARD 0      REACTIVITY 0  
 Based on the National Fire Protection Association rating system  
 (0 = Minimal; 1 = Slight; 2 = Moderate; 3 = High; 4 = Severe)

**SARA/ TITLE III HAZARD CATEGORIES**

 Immediate (ACUTE) Health: No      Reactive Hazard: No  
 Delayed (Chronic) Health: Yes      Fire Hazard: No      Sudden Release of Pressure: No

Company Name: STOLLER USA, INC.  
 Address: 4001 W. Sam Houston Parkway, N., Suite 100  
 Houston, Texas 77043-1226 U.S.A.  
 Emergency Phone Number: CHEMTREC: In the U.S. and Canada call Toll-free: 1 (800) 424-9300  
 From other countries call collect: 1 (703) 527-3887  
 Phone Number for Information: 1 (800) 539-5283 or 1 (713) 461-1493  
 Chemical Family: NA - Mixture  
 Chemical Name & Synonyms: Nitrogen - Phosphate - Potash Fertilizers.  
 Formula: Proprietary  
 Trade name & Synonyms: **HARVEST MORE 20-20-20**

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

INGREDIENTS:	CAS#	Approx. %	TLV
Urea	57-13-6	33%	10mg/ m <sup>3</sup>

**SECTION III**
**HAZARD IDENTIFICATION**

- A. **EXPOSURE LIMITS:**  
 1. OSHA Permissible Exposure Limit (PEL): N/ A  
 2. Threshold Limit Value (TLV): N/ A
- B. **CARCINOGEN OR POTENTIAL CARCINOGEN:**  
 1. IARC: No  
 2. OSHA: N/ A
- C. **EFFECTS OF OVEREXPOSURE: Possible irritation to eyes, skin, nose and throat. Large doses may cause nausea, vomiting and diarrhea. Systemic oral toxicity is extremely rare and has consisted of acidosis and hypocalcemic tetany.**  
 1. **ACUTE:**  
**EYES:** N/ A  
**SKIN:** N/ A  
**INHALATION:** N/ A  
**INGESTION:** N/ A
- D. **ADDITIONAL INFORMATION:** Decontamination procedure: wash thoroughly with soap and water.

**SECTION IV**
**FIRST- AID MEASURES**

- A. **EMERGENCY FIRST AID PROCEDURES:**  
**EYES:** Rinse thoroughly with water. If irritation occurs and persists, obtain medical attention.  
**SKIN:** Wash thoroughly with soap and water.  
**INHALATION:** Remove victim from exposure to fresh air. If breathing difficulties occur, get medical attention.  
**INGESTION:** Rinse mouth and dilute stomach contents with water, or preferably with milk if available if victim is conscious. Seek medical attention.
- B. **ANIMAL TOXICITY DATA:** N/ A
- C. **ADDITIONAL INFORMATION:** Decontamination procedure: wash thoroughly with soap and water.

**SECTION V****FIRE AND EXPLOSION DATA**

<b>FLASH POINT:</b>	Non Flammable		
<b>FLAMMABLE LIMITS:</b>	Non Flammable	<b>LEL: N/ A</b>	<b>UEL: N/ A</b>
<b>EXTINGUISHER MEDIA:</b>	All methods necessary to fight surrounding fire.		
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	None		
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	N/ A		

**SECTION VI****ACCIDENTAL RELEASE MEASURES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED:** Material should be contained and placed in dry containers. The material can be disposed of by spreading on the soil as a fertilizer using good agricultural management.

**SECTION VII****HANDLING AND STORAGE**

Store in dry area for product quality assurance. Material is hygroscopic.

**SECTION VIII****SPECIAL PROTECTION / CONTROL MEASURES**

**RESPIRATORY PROTECTION:** NIOSH/ MSHA approved respirator if airborne dust is expected.  
**VENTILATION:** Suggested if working indoors.  
**PROTECTIVE GLOVES:** Wearing of work gloves is suggested always when handling chemicals.  
**WORK/ HYGIENIC PRACTICES:** Usual good warehouse keeping procedure. Wash thoroughly after handling.

**SECTION IX****PHYSICAL AND CHEMICAL CHARACTERISTICS**

<b>BOILING POINT:</b>	Not known	<b>VAPOR PRESSURE (mm/Hg):</b>	Non volatile
<b>MELTING POINT:</b>	Not known	<b>VAPOR DENSITY (air = 1):</b>	Non volatile
<b>SPECIFIC GRAVITY:</b>	1.95	<b>REACTIVITY IN WATER:</b>	N/ A
<b>SOLUBILITY IN WATER:</b>	>98%	<b>EVAPORATION RATE:</b>	N/ A
<b>APPEARANCE AND ODOR:</b>	Blue crystals or powder. Odorless.		
<b>PERCENT VOLATILE BY VOLUME:</b>	N/ A		
<b>OTHER:</b>	Insoluble in Alcohol.		

**SECTION X****PHYSICAL HAZARDS (REACTIVITY DATA)**

<b>STABILITY:</b>	Stable: Yes	Unstable:
<b>CONDITIONS TO AVOID:</b>	Exposure to humid conditions. Material is hygroscopic.	
<b>INCOMPATIBILITY, MATERIALS TO AVOID:</b>	Oxidizers	
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	N/ A	
<b>MAY OCCUR:</b>	<b>WILL NOT OCCUR: X</b>	

**SECTION XI****TOXICOLOGICAL INFORMATION**

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- A. **TOXICITY DATA:**
- B. **CARCINOGENICITY:**
- C. **MUTAGENICITY:**
- D. **REPRODUCTIVE TOXICITY:**

**SECTION XII****ENVIRONMENTAL EFFECTS DATA**

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The available data on this plant nutrient material does not indicate any undue hazard to the environment under anticipated use and storage. Any waste due to spillage or leakage should be contained and disposed of as a Fertilizer (see above under Waste Disposal Methods). Due to its nutrient value, may contribute to eutrophication in bodies of water.

**SECTION XIII****DISPOSAL CONSIDERATIONS**

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**WASTE DISPOSAL METHODS:** Consult and follow applicable Federal, State, and Local regulations.

**SECTION XIV****TRANSPORTATION DATA**

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**PROPER SHIPPING NAME:** HARVEST MORE 20-20-20

**DOT HAZARD CLASS:** Non- Regulated

**PLACARD:** None

**IATA Proper Shipping Name:** N/ A

**IMO Proper Shipping Name:** N/ A

**DOT Hazardous Material:** N/ A