

SAFETY DATA SHEET

HARVEST MORE 5-5-45

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Revision: 05/20/2021
Supersedes Revision: 05/05/2021

1. Product and Company Identification

Product Code: Z-HM5545
Product Name: HARVEST MORE 5-5-45
Company Name: Stoller
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CHEMTREC, From other countries call +1 (703)527-3887
Information: 1 (800)539-5283

2. Hazards Identification

Acute Toxicity: Inhalation, Category 5
Acute Toxicity: Oral, Category 5
Acute Toxicity: Skin, Category 5

GHS Signal Word: **Warning**
GHS Hazard Phrases: H303 - May be harmful if swallowed.
H313 - May be harmful in contact with skin.
H333 - May be harmful if inhaled.
GHS Precautionary Phrases: P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
P101 - If medical advice is needed, have product container or label at hand.
P264 - Wash hands thoroughly after handling. P271 - Use only outdoors or in a well-ventilated area.
P232 - Protect from moisture.
GHS Response Phrases: P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
P302+352 - IF ON SKIN: Wash with plenty of soap and water.
P332+313 - If skin irritation occurs, get medical advice/attention.
P304+341 - IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
GHS Storage and Disposal Phrases: P402 - Store in a dry place. P404 - Store in a closed container.
P501 - Dispose of contents/container to treatment at a permitted facility or as advised by your local regulatory authority.
Potential Health Effects (Acute and Chronic): Acute: May cause respiratory tract irritation. May cause skin irritation.
Inhalation: May be harmful if inhaled, may cause irritation of upper respiratory tract.
Skin Contact: May cause skin irritation.
Eye Contact: May cause eye irritation.
Ingestion: May be harmful if swallowed.

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3. Composition/Information on Ingredients

CAS #	Components (Chemical Name)	Concentration	RTECS #
57-13-6	Urea	<15.0 %	YR6250000
7447-40-7	Potassium chloride	<80.0 %	TS8050000
7722-76-1	Monoammonium phosphate	<10.0 %	NA

4. First Aid Measures

Emergency and First Aid Procedures:	Victims of severe exposure to chemicals must be taken to health providing centers for medical attention. Always bring with victim a copy of label and SDS of product to health professional.
In Case of Inhalation:	Seek medical attention if victim's breathing is difficult.
In Case of Skin Contact:	Seek medical attention if irritation occurs.
In Case of Eye Contact:	Flush eyes with plenty of water for at least 15 minutes. Seek medical attention should severe irritation occurs.
In Case of Ingestion:	May cause irritation of the digestive tract with accompanying nausea, vomiting, and diarrhea.
Note to Physician:	Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Pt:	No data.
Explosive Limits:	LEL: No data. UEL: No data.
Autoignition Pt:	No data.
Suitable Extinguishing Media:	Water, CO2 or Dry Chemicals may be used to fight surrounding fire.
Unsuitable Extinguishing Media:	N.A.
Fire Fighting Instructions:	None specific for this product, however, it is suggested that firefighters wear self-contained breathing apparatus (SCBA) and full protective equipment, such as chemical resistant clothing.
Flammable Properties and Hazards:	N.A.
Hazardous Combustion Products:	N.A.

6. Accidental Release Measures

Protective Precautions, Protective Equipment and Emergency Procedures:	In case of a large spill, clear and isolate the affected area and protect people. Such releases should be responded to by trained personnel using pre-planned procedures. In the event of an incidental release, minimum Personal Protective Equipment must be worn: latex or rubber gloves and rubber boots, goggles or full face-shield, long-sleeved shirt and pants and NIOSH/OSHA approved dust respirator.
Environmental Precautions:	Keep product from entering drains or other waterways in large quantities.
Steps To Be Taken In Case Material Is Released Or Spilled:	It is necessary to contain the spill into the smallest area possible by sweeping, scooping, diking, etc. and recover the product into an appropriate container, labeling it accordingly for use as intended following original label directions. If product is clean, use it as intended, following original label directions; should it get contaminated, salvage for proper disposal as waste.

7. Handling and Storage

Precautions To Be Taken in Handling: Avoid breathing dusts; use in a well ventilated location or wear an appropriate respirator.

Precautions To Be Taken in Storing: Keep container tightly closed in a dry and well-ventilated place.

Other Precautions: N.A.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
57-13-6	Urea	No data.	No data.	No data.
7447-40-7	Potassium chloride	No data.	TLV: 10 mg/m ³	No data.
7722-76-1	Monoammonium phosphate	No data.	TLV: 10 mg/m ³	No data.

Recommended Exposure Limits: N.A.

Respiratory Equipment (Specify Type): Wear a NIOSH/OSHA approved respirator if working conditions require doing so.

Eye Protection: Safety glasses should be worn in any type of operation with chemicals.

Protective Gloves: Protective gloves, long sleeved shirt and long pants, as well as protective shoes should be worn as a good safety practice.

Other Protective Clothing: Long-sleeved shirt, long pants and protective shoes should be worn as a good safety practice.

Engineering Controls (Ventilation etc.): General ventilation is usually adequate. Local exhaust may be used depending on working conditions.

Work/Hygienic/Maintenance Practices: Do not eat, smoke or chew tobacco or gum when handling chemicals.

Environmental Exposure Controls: N.A.

9. Physical and Chemical Properties

Physical States: [] Gas [] Liquid [X] Solid

Appearance and Odor: Powder.

pH: 3.4 in a - 10% solution

Melting Point: No data.

Boiling Point: No data.

Flash Pt: No data.

Evaporation Rate: No data.

Flammability (solid, gas): No data available.

Explosive Limits: LEL: No data. UEL: No data.

Vapor Pressure (vs. Air or mm Hg): No data.

Vapor Density (vs. Air = 1): No data.

Specific Gravity (Water = 1): No data.

Solubility in Water: No data.

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Octanol/Water Partition Coefficient: No data.
Autoignition Pt: No data.
Decomposition Temperature: No data.
Viscosity: No data.

10. Stability and Reactivity

Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability: Stable under normal conditions.
Incompatibility - Materials To Avoid: No data available.
Hazardous Decomposition or Byproducts: No data available.
Possibility of Hazardous Reactions: Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions: No data available.

11. Toxicological Information

Toxicological Information: N.A.
Irritation or Corrosion: N.A.
Symptoms related to Toxicological Characteristics: N.A.
Chronic Toxicological Effects: N.A.
Carcinogenicity: NTP? N.A. IARC Monographs? N.A. OSHA Regulated? N.A.

12. Ecological Information

General Ecological Information: The available data on this material does not indicate any undue hazard to the environment under anticipated use and storage. All work practices must be aimed at preventing environmental contamination. Any waste due to spillage or leakage should be contained and disposed of accordingly, see above under Section 6 "Accidental Release Measures."
Results of PBT and vPvB assessment: N.A.
Persistence and Degradability: N.A.
Bioaccumulative Potential: N.A.
Mobility in Soil: N.A.
Other adverse effects: N.A.

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13. Disposal Considerations

Waste Disposal Method: Waste disposal must be done following all Federal, State and Local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local waste regulatory authority.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not Regulated. Trade Name: HARVEST MORE 5-5-45

DOT Hazard Class:

UN/NA Number:

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not Regulated. Trade Name: HARVEST MORE 5-5-45

UN Number:

Packing Group:

Hazard Class:

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not Regulated. Trade Name: HARVEST MORE 5-5-45

UN Number:

Packing Group:

Hazard Class:

15. Regulatory Information

Regulatory Information: TSCA Inventory: In compliance with inventory requirements for commercial purposes.

16. Other Information

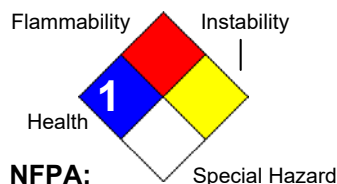
Revision Date: 05/20/2021

Previous revision: 05/05/2021

Hazard Rating System:

HEALTH		1
FLAMMABILITY		
REACTIVITY		
PPE		

HMIS:



Additional Information About This Product: No data available.

This Product:

Company Policy or Disclaimer:

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