

Section I: PRODUCT IDENTITY

Product Name: Heritage House Super Crabgrass Preventer

Manufacturer Info: HJP Inc.

5205 W. Hume Road
Lima, OH 45806

For Emergency: (419) 991-8242

SECTION II: HAZARDOUS INGREDIENTS/ IDENTITY INFORMATION

CAS No.	Hazardous Component	OSHA PEL	ACGIH TLV	Percent
1582-09-8	a,a,a-trifluoro-2,6-dinitro-N,N-dipropyl-toluidine	NI	NI	0.38
1861-40-1	N-butyl-N-ethyl-a,a,a-trifluoro-2,6-dinitro-p-toluidine	NI	NI	0.77
7447-40-7	Potassium Chloride (nuisance dust)	15 mg/M ³	10 mg/M ³	8
57-13-6	Urea (nuisance dust)	15 mg/M ³	10 mg/M ³	28
7783-28-0	Diammonium Phosphate (nuisance dust)	15 mg/M ³	10 mg/M ³	11
1317-65-3	Limestone (nuisance dust)	15 mg/M ³	10 mg/M ³	52

SECTION III: PHYSICAL DATA

Boiling Point: NA

Specific Gravity: NA

pH: NA

Melting Point: NA

Vapor Pressure: NA

Vapor Density: NA

Evaporation Rate: NA

Solubility in Water: Urea, Potassium Chloride, and Diammonium Phosphate soluble in water.

Appearance and odor: yellowish granules with a slight odor.

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point: not flammable. **Flammable Limits:** NA

Extinguishing Media: Use water or other agent suitable for surrounding fire.

Special Fire Fighting Procedures: Wear full protective clothing and self contained breathing apparatus.

Unusual Fire and Explosion Hazards: Decomposition products may be toxic. Forms nitrogen oxides, sulphurous oxides, and hydrogen chlorine gases upon exposure to extremely elevated temperatures.

SECTION V: REACTIVITY

Stability: Stable.

Incompatibility (materials to Avoid): acids, nitrates, and phosphorous pentachloride

Hazardous Decomposition Products: CO, HCN, CO₂, NH₃

SECTION VI: HEALTH HAZARD DATA

Routes of Entry: Contact, Inhalation, Ingestion.

Health Hazards(acute and chronic) :

EYES: Contact may cause irritation.

SKIN: Contact may irritate skin.

INHALATION: May irritate respiratory tract.

INGESTION: May irritate gastrointestinal tract.

CHRONIC: Excessive exposure may cause liver, kidney, blood, gastrointestinal and muscular effects.

SIGNS AND SYMPTOMS OF EXPOSURE: Nausea or vomiting and abdominal cramps or diarrhea may occur as a result of overexposure.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Individuals with known sensitivity should avoid contact with this product.

EMERGENCY AND FIRST AID PROCEDURES:

Eyes: Flush with copious amounts of clean water for 10-15 minutes, holding lids open. If irritation persists, seek medical attention.

Skin: Remove contaminated clothing. Bathe and shampoo with soap and water to remove chemicals from skin and hair. If irritation persists, seek medical attention. Launder contaminated clothing separately, prior to reuse.

Inhalation: Remove person to fresh air. Apply artificial respiration if needed. If irritation persists, seek medical attention.

Ingestion: Call a physician or Poison Control Center for assistance.

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE.

Steps to be taken in case of material is released or spilled: Wear protective clothing, chemical resistant gloves and shoes and safety goggles. Collect spilled material for reuse if possible. If other than original container is used, label new container for this product. Collect unuseable material into bag or drum for disposal. Wash area with water if possible. Do not contaminate water supplies or bodies of water with the waste water.

Waste Disposal Method: Dispose of waste materials according to Local, State, and Federal regulations.

Precautions to be Taken in Handling and Storage: Store this product in original container in a locked storage area inaccessible to children and pets. Do not store near food, feeds, seeds, other herbicides, fertilizers or insecticides to prevent cross-contamination.

Other Precautions: Do not use directly on water. Do not apply when conditions favor drift from target area. Do not contaminate water supplies when disposing of equipment wastewaters. Do not reuse bag. Empty containers may be disposed of in licensed sanitary landfill.

SECTION VIII: CONTROL MEASURES

Personal Protective Equipment:

Respiratory Protection: Dust/mist respirator, NIOSH/MSHA approval number TC-21C is recommended if product application is dusty.

Protective Clothing: Long sleeves and pants; chemical resistant gloves and shoes.

Eye Protection: Goggles are recommended.

SECTION IX: ADDITIONAL INFORMATION

ADDITIONAL MANUFACTURES WARNINGS:

Recommended Hazard summary(Defined by 29 CFR 1910.1200):Acute Health Hazard.

NOTE: NI means not indicated. NA means Not Applicable.

OTHER PRECAUTIONS AND COMMENTS:

The information and statements in this Material Safety Data Sheet are believed to accurately reflect the scientific evidence used in making the hazard determination, but is not to be construed as a warranty or representation for which we assume legal responsibility. Additional information may be necessary or desirable depending on particular, exceptional or variable conditions or circumstances of use or storage, or because of locally applicable laws or government regulations. Therefore, you should use this information only as a supplement to other information available to you and must make independent determinations of the suitability of the information for your particular circumstances or conditions and the completeness of the information available from all sources to assure both the proper use of the material herein described and the safety and health of employees.

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