

SAFETY DATA SHEET

HEFTY SEED COMPANY



Updated: January 4, 2017

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1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Gateway™ NG**
Manufactured for: Hefty Seed Company
47504 252nd Street
Baltic, SD 57003
Product Use: Drift Reduction
Emergency telephone number: (Chemtrec Information 24 hours) (800) 424-9300
Customer Service, call: (847) 596-3001

2. HAZARDS IDENTIFICATION

GHS Classification: None

Signal Word: None

Hazard Statements: None

Precautionary Statements:

Prevention

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P103: Read label before use.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS Number</u>	<u>Weight %</u>
Polyethylene Glycol	25322-68-3	<50%

4. FIRST AID MEASURES

IF SWALLOWED: Rinse mouth. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give any fluids to an unconscious person.

IF ON SKIN: Wash affected area with plenty of soap and water. Cold water may be used. If skin irritation occurs: Get medical advice or attention.

IF INHALED: Move person to fresh air and keep comfortable for breathing. If person is having difficulty breathing, give oxygen. If not breathing, give artificial respiration.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

Medical Conditions Aggravated by Overexposure: Repeated or prolonged exposure is not known to aggravate medical condition.

Other Effects: This product is not a carcinogen by NTP, OSHA and ACGIH.

5. FIREFIGHTING MEASURES

Suitable Extinguishing media: Alcohol foam, dry chemical, CO₂, water spray. Water jet not recommended due to frothing.

Specific Hazards: Product will burn under fire conditions.

PPE and Precautions: Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

Hazardous Decomposition Products of Combustion: Hydrogen cyanide, Ammonia, Oxides of nitrogen, sulfur, carbon and silicon.

6. ACCIDENTAL RELEASE MEASURES

In Case of Spill: Evacuate the spill area, except for cleanup personnel. Wear personal protective equipment (PPE). Control spill with adsorbent pads or booms. Recover free liquid. For recovery or disposal, add inert absorbent (sand, earth,

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sawdust, etc.) to spill area and shovel into containers for disposal. Product is slippery under foot; flush smooth surfaces thoroughly. Spills may be reportable to the National Response Center (800-424-8802) in the U.S.

Disposal: Dispose of collected waste in accordance with federal, state and local regulations.

7. HANDLING AND STORAGE

Handling Procedures: Avoid inhalation of vapor or mist. Avoid contact with skin and eyes. Mix thoroughly. Do not freeze. Freezing will affect the physical condition but will not damage the material. Thaw and mix before using. Ethylene oxide may collect in container head space. Provide adequate ventilation.

Storage Procedures: Keep container tightly closed in a dry and well-ventilated place. Keep away from incompatible materials to be indicated by the manufacturer. Do not freeze. Do not mix with incompatible materials.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits: None.

Eye/Face Protections: Wear protective eyewear. Contact lenses should not be worn when working with chemicals.

Skin Protection: To minimize skin contact, wear: chemically impervious gloves, long-sleeved shirt, long pants, socks and shoes. As precautions, wash hands and face with mild soap and water before eating, drinking, smoking or using restroom. After each shift, clean all protective equipment, wash work clothes, and shower.

Respiratory Protection: Not required under normal use conditions with good ventilation. Protect against spray mists. Respirator recommended in areas of poor ventilation.

General Protection: Eye wash fountains and drench showers should be located within a 10 second walk from the work area per ANSI Z358.1-2009.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Tan viscous liquid	LEL:	N/D
Odor:	N/D	Vapor Pressure:	N/D
pH:	6.5 to 8.5	Vapor Density:	N/D
Melting Point:	N/D	Relative Density:	8.93 lbs/gallon
Freezing Point:	N/D	Solubility:	N/D
Boiling Point:	N/D	Partition Coefficient:	N/D
Flash Point:	N/D	Autoignition Temperature:	N/D
Evaporation Rate (BuAc=1):	N/D	Decomposition Temperature:	N/D
Flammability:	N/D	Viscosity:	966 cps
UEL:	N/D		

10. STABILITY AND REACTIVITY

Stability: Stable

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Condition to Avoid: Extreme heat, open flame and ignition sources.

Incompatible Materials: Strong reducing agents and strong oxidizing agents.

Hazardous Decomposition Products: Carbon oxides, Chloride fumes and Nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity: Female albino rats, LD50> 5000 mg/kg

Acute Eye Irritation: Albino rabbits, non-irritating

Acute Dermal Irritation: Albino rabbits, non-irritating

Acute Dermal Toxicity: Albino rats, LD50> 5050 mg/kg

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12. ECOLOGICAL INFORMATION

No ecological data is available for this product.

13. DISPOSAL CONSIDERATIONS

Component Waste Numbers: No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions: Dispose of material in compliance with applicable federal, state and local environmental regulations. Recycle or rework material if at all possible. Incinerate material at an approved facility, or treat at an acceptable waste treatment facility or municipal waste treatment plant after proper testing and approval of waste samples.

Container Reuse: An empty container can contain product residue, and should not be reused. If not professionally cleaned and reconditioned, crushing or other means is recommended to prevent unauthorized reuse.

14. TRANSPORT INFORMATION

DOT Status (Highway and rail): Not Regulated

IATA Status (Air): Not Regulated

Marine Pollutant: No

15. REGULATORY INFORMATION

TSCA: All components of this product are listed under the regulation of the Toxic Substance Control Act.

Canadian Domestic Substances List (DSL): Listed

Australia Inventory of Chemical Substances (AICS): Listed

Japan. CSCL - Inventory of Existing and New Chemical Substances: Listed

Korea. Korean Existing Chemicals Inventory (KECI): Listed

China. Inventory of Existing Chemical Substances in China (IECSC): Listed

SARA HAZARD TITLE III: Sections 311/312: Acute health hazard.

Section 302: Ethylene oxide; CAS No. 75-21-8; RQ: 10 lbs

Section 304: Ethylene oxide; CAS No. 75-21-8; RQ: 10 lbs

US EPA CERCLA: Ethylene oxide; CAS No. 75-21-8; RQ: 10 lbs

1,4-Dioxane; CAS No. 123-91-1; RQ: 100 lbs

Sodium hydroxide (Na(OH)); CAS No. 1310-73-2; RQ: 1000 lbs

Acetaldehyde; CAS No. 75-07-0; RQ: 1000 lbs

State: This product contains the following components that are regulated under California Proposition 65:

Acetic acid, dichloro-; Ethylene oxide (cancer list, reproduction list)

Dioxane; Propylene oxide (cancer list)

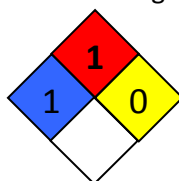
WHMIS: N/D

16. OTHER INFORMATION

HMIS Hazard Rating

HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	X

NFPA Rating



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Last Updated: January 4, 2017

WHILE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE BELIEVED TO BE ACCURATE AS OF THE DATE HEREON, HEFTY SEED COMPANY MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.

N/R—Not Rated

N/D—Not Determined

N/A—Not Applicable

N/E—Not Established

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration., NJTSR = New Jersey Trade Secret Registry.