VOLUNTARY PURCHASING GROUPS, INC.

Safety Data Sheet
Hi-Yield Herbicide Enhancer

SECTION 1: Identification

Product identifier

Product name	Hi-Yield Herbicide Enhancer
Product number	31073
Brand	Hi-Yield

Recommended use of the chemical and restrictions on use

Adjuvant

Supplier's details

Name	Voluntary Purchasing Groups, Inc.
Address	230 FM 87 Bonham TX 75418 USA
Telephone	855-270-4776

Emergency phone number(s)

In the event or a medical or chemical emergency contact ChemTel, Inc.
North American 1-800-255-3924 or worldwide Intl. + 01-813-248-0585

SECTION 2: Hazard identification

Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200)

GHS label elements, including precautionary statements

Pictogram



Hazard statement(s)

H320	Causes eye irritation
H315	Causes skin irritation

H302	Harmful if swallowed

Precautionary statement(s)

P102	Keep out of reach of children.
P103	Read label before use.
P233	Keep container tightly closed.
P234	Keep only in original container.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P301+P312	IF SWALLOWED: Call a POISON CENTER /doctor if you feel unwell.
P302+P352	IF ON SKIN: Wash with plenty of water.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

SECTION 3: Composition/information on ingredients

Mixtures

Product does NOT contain any pesticides or pest control agents.

Hazardous components

1. Ammonium Sulfate

Concentration	34 % (weight)
Other names / synonyms	Ammonium sulphate; Sulfuric acid ammonium salt (1:2)
CAS no.	7783-20-2

2. Defoarmer, Surfactant, Drift Reduction Solution

Concentration	6.25 % (weight), Proprietary*

Trade secret statement (OSHA 1910.1200(i))

*The specific chemical identities and/or actual concentrations or actual concentration ranges for one or more listed components are being withheld as trade secrets under the US regulation 29 CFR 1910.1200(i).

SECTION 4: First-aid measures

Description of necessary first-aid measures

General advice	Have the product container with you when calling apoison control center or doctor, or going for treatment.
If inhaled	If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. Ifperson is notbreathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

In case of skin contact	Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and waterfor several minutes. Call a poison center, doctor, chemical manufacturer, importer, or distributor to specify the appropriatesource ofemergency medicaladvice.
In case of eye contact	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continuerinsing for several minutes.
If swallowed	Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able.Do not give anything by mouth to an unconscious person. Call a poison center, doctor, chemical manufacturer, importer, or distributor tospecify the appropriate source of emergency medical advice if you feel unwell.

SECTION 5: Fire-fighting measures

Suitable extinguishing media
Foam, Dry Chemical, CO2 or Water.

Specific hazards arising from the chemical
Burning may produce toxic fumes, carbon monoxide, carbon dioxide, aliphatic aldehydes,carboxylic acids, and oxides of silicon.

Special protective actions for fire-fighters
Use alcohol-type or universal-type foams on larger fires. Smaller fires should beextinguished with carbon dioxide or dry chemical.Do not use water or foam directly on thefire. Use self-contained breathing apparatus with fighting any fire in an enclosed area.

SECTION 6: Accidental release measures

Methods and materials for containment and cleaning up
Surround and absorb all spills. Material should becollected and disposed in proper manner. Dike thearea to prevent spill from spreading. Soak up spill with a suitable absorbent such as clay, sawdust orkitty litter. Flush spill area with water. Prevent liquid entering sewers. If slipperiness remains applymore dry-sweeping compound. Sweep up absorbed material and place in a chemical waste containerfor disposal. Wear suitable protective equipment.

SECTION 7: Handling and storage

Precautions for safe handling
Keep out of reach of children. Read label before use. Do not eat, drink or smoke when using this product. Washhands thoroughly after handling. Use personal protective equipment as required.

Conditions for safe storage, including any incompatibilities
Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Donot store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminatewater supplies. For optimal storage, store between 40° and 90° F.

SECTION 8: Exposure controls/personal protection

Appropriate engineering controls
Normal roomventilation (mechanical) or outdoor use should be satisfactory.

Individual protection measures, such as personal protective equipment (PPE)

Pictograms



Eye/face protection
Chemical goggles and face shield

Skin protection
Chemical gloves, long-sleeved shirts and pants.

Respiratory protection
Not necessary unless ventilation is inadequate. Then use OSHA or NIOSH approved respirator, asappropriate

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Clear to light haze liquid
Odor	Odorless
Odor threshold	
pH	
Melting point/freezing point	
Initial boiling point and boiling range	
Flash point	>200
Evaporation rate	
Flammability (solid, gas)	
Upper/lower flammability limits	
Vapor pressure	
Vapor density	
Relative density	1.20 g/mL
Solubility(ies)	
Partition coefficient: n-octanol/water	
Auto-ignition temperature	
Decomposition temperature	
Viscosity	
Explosive properties	
Oxidizing properties	

SECTION 10: Stability and reactivity

Chemical stability
Stable under normal conditions.

Hazardous decomposition products
CO2, O2.

SECTION 11: Toxicological information

Information on toxicological effects

Additional information
No data available.

SECTION 12: Ecological information

Toxicity
No data available.

SECTION 13: Disposal considerations

Disposal of the product
Do notcontaminate water, food or feed by storage or disposal. Dispose of contents in container to anapproved waste disposal facility in accordance with all local, regional, national and international regulations.

Disposal of contaminated packaging
Triple rinse (or equivalent)adding rinse water to application tank. Offer container for recycling ordispose of in a sanitary landfill or by other procedures approved by local regulations.

SECTION 14: Transport information

DOT (US)
Not dangerous goods

IMDG
Not dangerous goods

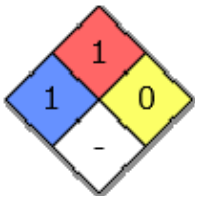
IATA
Not dangerous goods

SECTION 15: Regulatory information

Safety, health and environmental regulations specific for the product in question

Pennsylvania Right To Know Components
Chemical name: Sulfuric acid diammonium salt
CAS number: 7783-20-2

NFPA Rating



SECTION 16: Other information