



**VOLUNTARY PURCHASING GROUPS, INC.**

## Safety Data Sheet Hi-Yield Herbicide Enhancer

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

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### 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

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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.

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## 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. Defoamer, 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).

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## SECTION 4: First-aid measures

### Description of necessary first-aid measures

General advice

Have the product container with you when calling a poison 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. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

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In case of skin contact	Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water for several minutes. Call a poison center, doctor, chemical manufacturer, importer, or distributor to specify the appropriate source of emergency medical advice.
In case of eye contact	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing 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 to specify the appropriate source of emergency medical advice if you feel unwell.

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### SECTION 5: Fire-fighting measures

#### Suitable extinguishing media

Foam, Dry Chemical, CO<sub>2</sub> 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 be extinguished with carbon dioxide or dry chemical. Do not use water or foam directly on the fire. Use self-contained breathing apparatus with fighting any fire in an enclosed area.

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### SECTION 6: Accidental release measures

#### Methods and materials for containment and cleaning up

Surround and absorb all spills. Material should be collected and disposed in proper manner. Dike the area to prevent spill from spreading. Soak up spill with a suitable absorbent such as clay, sawdust or kitty litter. Flush spill area with water. Prevent liquid entering sewers. If slipperiness remains apply more dry-sweeping compound. Sweep up absorbed material and place in a chemical waste container for disposal. Wear suitable protective equipment.

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### 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. Wash hands 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. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F.

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### SECTION 8: Exposure controls/personal protection

#### Appropriate engineering controls

Normal room ventilation (mechanical) or outdoor use should be satisfactory.

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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, as appropriate

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## 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	

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## SECTION 10: Stability and reactivity

### Chemical stability

Stable under normal conditions.

### Hazardous decomposition products

CO<sub>2</sub>, O<sub>2</sub>.

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## SECTION 11: Toxicological information

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### Information on toxicological effects

#### Additional information

No data available.

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## SECTION 12: Ecological information

### Toxicity

No data available.

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## SECTION 13: Disposal considerations

### Disposal of the product

Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved 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 or dispose of in a sanitary landfill or by other procedures approved by local regulations.

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## SECTION 14: Transport information

### DOT (US)

Not dangerous goods

### IMDG

Not dangerous goods

### IATA

Not dangerous goods

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## SECTION 15: Regulatory information

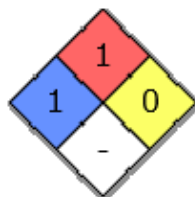
### Safety, health and environmental regulations specific for the product in question

#### Pennsylvania Right To Know Components

Chemical name: Sulfuric acid diammonium salt

CAS number: 7783-20-2

#### NFPA Rating



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## SECTION 16: Other information

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