



**VOLUNTARY PURCHASING GROUPS, INC.**

## **Safety Data Sheet Hi-Yield Spreader Sticker**

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### **SECTION 1: Identification**

#### **GHS Product identifier**

Product name	Hi-Yield Spreader Sticker
Product number	31061; 31062; 31063
Brand	Hi-Yield

#### **Recommended use of the chemical and restrictions on use**

Non-ionic surfactant

#### **Supplier's details**

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

#### **Emergency phone number**

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**

#### **General hazard statement**

May be harmful if swallowed  
Causes mild skin irritation  
Causes eye irritation  
Combustible liquid

#### **Classification of the substance or mixture**

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

- Acute toxicity, oral, Cat. 5
- Skin corrosion/irritation, Cat. 3
- Serious eye damage/eye irritation, Cat. 2B
- Flammable liquids, Cat. 4

#### **GHS label elements, including precautionary statements**

#### **Hazard statement(s)**

H303	May be harmful if swallowed
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H316 Causes mild skin irritation  
H320 Causes eye irritation  
H227 Combustible liquid

### Precautionary statement(s)

P312 Call a POISON CENTER/doctor/.../ if you feel unwell.  
P332+P313 If skin irritation occurs: Get medical advice/attention.  
P264 Wash ... thoroughly after handling.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P370+P378 In case of fire: Use ... to extinguish.  
P403+P235 Store in a well-ventilated place. Keep cool.  
P501 Dispose of contents/container to ...

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## SECTION 3: Composition/information on ingredients

### Mixtures

#### Hazardous components

Component	Concentration
Alcohol ethoxylate, and (CAS no.: 68002-97-1)	90 %
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Alkylphenol ethoxylated (CAS no.: 9016-45-9)	10 %
CLASSIFICATIONS: No data available. HAZARDS: No data available.	

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## SECTION 4: First-aid measures

### Description of necessary first-aid measures

General advice Have the product container or label with you when calling a poison control center or doctor or going for treatment.

If inhaled Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

In case of skin contact Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

In case of eye contact Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If swallowed Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

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### Most important symptoms/effects, acute and delayed

No information available.

### Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

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## SECTION 5: Fire-fighting measures

### Suitable extinguishing media

CO2, Foam solution, Water spray

### Specific hazards arising from the chemical

Flammability classification (OSHA 29 CFR 1910.1200): Combustible

Flash point: > 140°F - < 200°F

Lower flammable limit (% by volume): N/Av

Upper flammable limit (% by volume): N/Av

### Special protective actions for fire-fighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and protective firefighting clothing (includes firefighting helmet, coat, trousers, boots, and gloves). Use full face shield and operate in positive pressure mode. Avoid contact with this material during firefighting operations. If contact is likely, change to full chemical resistant firefighting clothing with self-contained breathing apparatus. If this is not available, wear full chemical resistant clothing with self-contained breathing apparatus and fight fire from a remote location. For protective equipment in post-fire or non-fire clean-up situations, refer to the relevant sections.

### Further information

Keep people away. Isolate fire and deny unnecessary entry. Evacuate the area and fight the fire from upwind at a safe distance to avoid hazardous vapors or decomposition products.

Cool closed containers exposed to fire with water spray, if possible. Dike and collect fireextinguishing water to prevent environmental damage and excessive waste runoff.

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## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Isolate area. Keep unnecessary and unprotected personnel from entering the area. Refer to SECTION 7: HANDLING AND

STORAGE, for additional precautionary measures. Ventilate area of leak or spill. Use appropriate safety equipment. For

additional information, refer to SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION.

### Environmental precautions

Do not flush into surface water or sanitary sewer system. Prevent from entering soil, ditches, sewers, waterways and/or

groundwater. Refer to SECTION 12: ECOLOGICAL INFORMATION.

### Methods and materials for containment and cleaning up

Control the spill at its source.

Small spills: Stop the flow of material, if this is without risk. Apply suitable absorbent and sweep up. Collect in suitable

and properly labeled containers. Prevent entry into waterways, sewers, basements or confined areas.

Large spills: Stop the flow of material, if this is without risk. Apply suitable absorbent and sweep up. Collect in suitable

and properly labeled containers. Contact Drexel Chemical Company for clean-up assistance. Refer to

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SECTION 13: DISPOSAL CONSIDERATIONS, for additional information. Prevent entry into waterways, sewers, basements or confined areas.

#### Reference to other sections

Refer to SECTION 12: ECOLOGICAL INFORMATION.

Refer to SECTION 13: DISPOSAL CONSIDERATIONS, for additional information.

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## SECTION 7: Handling and storage

#### Precautions for safe handling

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Do not swallow. Avoid breathing dust. Avoid breathing vapors. Do not eat, drink or smoke when using this product. Use with adequate ventilation. Wear chemical protective equipment when handling. Wear long-sleeved shirt, long pants and shoes with socks when handling. Keep away from heat, sparks and flame. Refer to SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION.

#### Conditions for safe storage, including any incompatibilities

Store in a cool, dry, ventilated and secure area designated specifically for pesticides and away from heat sources. Keep in original containers and keep containers closed when not in use. Do not store in excessive heat. Do not store near children, food, foodstuffs, drugs or potable water supplies. Always use oldest stock first.

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## SECTION 8: Exposure controls/personal protection

#### Appropriate engineering controls

Investigate engineering techniques to reduce exposures. When handling this product proper ventilation is required to maintain exposure below the TLV. Ventilate all transport vehicles prior to unloading. Facilities storing or utilizing this material should be equipped with an eyewash facility / station and safety shower. Use engineering controls to maintain airborne level below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, use only with adequate ventilation. Local exhaust ventilation may be necessary for some operations.

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

##### Eye/face protection

Eye contact should be avoided through the use of chemical safety glasses, goggles, or a face shield selected in regard to exposure potential. Wear chemical splash goggles to prevent vapors or mists from entering the eyes. Where there is potential for eye contact have eye flushing equipment available. Safety glasses with sideshields.

##### Skin protection

Use protective clothing chemically resistant to this material. Selection of specific items such as face shield, boots, apron, or full body suit will depend on the task. Safety shower should be located in immediate work area. Remove contaminated clothing immediately, wash skin area with soap and water, and launder clothing before reuse or dispose of properly. Items which cannot be decontaminated, such as shoes, belts and watchbands, should be removed and disposed of properly.

##### Respiratory protection

Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, use an approved respirator. Selection of air-purifying or positive-pressure supplied-air will depend on the specific operation and the potential airborne concentration of the material. When handling in enclosed areas, when large quantities of dusts are generated or prolonged exposure is possible in excess of the TLV, use a respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G).

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## SECTION 9: Physical and chemical properties

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Appearance (physical state, color, etc.)	Golden to amber Liquid
Odor	Slight Alcohol
Odor threshold	No data available.
pH	5.5 – 7.0
Melting point/freezing point	<32 °F
Initial boiling point and boiling range	>212°F
Flash point	>140° F, <200°F
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability or explosive limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	8.4 Lbs. / gal.
Solubility(ies)	Complete in Water
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	200-300cP

#### Additional properties

Physical state	Liquid
Color	Golden to amber
Explosive properties	No data available.
Oxidizing properties	No data available.

#### Further safety characteristics (supplemental)

No data available.

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## SECTION 10: Stability and reactivity

#### Reactivity

Thermally stable at typical use temperatures and in closed containers.

#### Chemical stability

Stable under recommended storage conditions.

#### Possibility of hazardous reactions

No data available.

#### Conditions to avoid

Avoid extreme temperatures and open flames

#### Incompatible materials

Avoid contact with: Strong oxidizers

#### Hazardous decomposition products

Carbon monoxide and asphyxiants

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## SECTION 11: Toxicological information

#### Information on toxicological effects

##### Acute toxicity

Potential routes of exposure/potential health effects: Skin contact. Eye contact. Ingestion.

Acute Oral: LD50 (Rat): >2000 mg/kg

Acute Dermal: LD50 (Rat): >2020 mg/kg

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Acute Inhalation: LC50 (Rat): No data available  
Eye Irritation: (Rabbit): Causes eye irritation  
Skin Irritation: (Rabbit): Causes mild skin irritation  
Skin Sensitization: (Guinea Pig): No data available

#### **Skin corrosion/irritation**

No data available.

#### **Serious eye damage/irritation**

No data available.

#### **Respiratory or skin sensitization**

No data available.

#### **Germ cell mutagenicity**

Non-mutagenic for bacteria and/or yeast

#### **Carcinogenicity**

No data available.

#### **Reproductive toxicity**

No data available.

#### **Summary of evaluation of the CMR properties**

No data available.

#### **Specific target organ toxicity (STOT) - single exposure**

No data available.

#### **Specific target organ toxicity (STOT) - repeated exposure**

No data available.

#### **Aspiration hazard**

No data available.

#### **Additional information**

No data available.

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## **SECTION 12: Ecological information**

#### **Toxicity**

Alcohol ethoxylate and  
Akylphenol ethoxylate

LC50 Algae >1 mg/l (Exposure time: 72 h)  
EC50 Daphnia >1 mg/l (Exposure time: 48 h)  
LC50 Fish >1 mg/l (Exposure time: 96 h)

#### **Persistence and degradability**

No data available.

#### **Bioaccumulative potential**

No data available.

#### **Mobility in soil**

No data available.

#### **Other adverse effects**

Avoid release to open bodies of water

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### SECTION 13: Disposal considerations

#### Disposal methods

##### Product disposal

If wastes and/or containers cannot be disposed of according to the product label directions, disposal of this material must be in accordance with your local or area regulatory authorities. This information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations. If the material as supplied becomes a waste, follow all applicable regional, national and local laws.

##### Packaging disposal

Dispose of in accordance with applicable federal, state and local regulations.

##### Waste treatment

If wastes and/or containers cannot be disposed of according to the product label directions, disposal of this material must be in accordance with your local or area regulatory authorities. This information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations. If the material as supplied becomes a waste, follow all applicable regional, national and local laws.

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### SECTION 14: Transport information

#### DOT (US)

Not Regulated.

#### IMDG

Not Regulated.

#### IATA

Not Regulated.

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### SECTION 15: Regulatory information

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

##### Toxic Substances Control Act (TSCA) Inventory

Complies

##### Japanese Existing and New Chemical Substances (ENCS)

Complies

##### Australian Inventory of Chemical Substances (AICS)

Complies

##### Philippine Inventory of Chemicals and Chemical Substances (PICCS)

Complies

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### SARA 311/312 Hazards

Immediate (Acute) Health Hazard:

Yes

Delayed (Chronic) Health Hazard:

No

Fire Hazard:

No

Reactive Hazard:

No

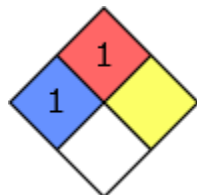
Sudden Release of Pressure Hazard:

No

### HMIS Rating

Hi-Yield Spreader Sticker	
HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	
PERSONAL PROTECTION	

### NFPA Rating



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## SECTION 16: Other information

No data available.

### Further information/disclaimer

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