

## MATERIAL SAFETY DATA SHEET

# Hi-Yield® 38 Plus Turf, Termite & Ornamental Insect Control Containing 38% Permethrin

DATED: March 31, 2004

### SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Name: Voluntary Purchasing Groups, Inc., P. O. Box 460, Bonham, Texas 75418

Emergency Telephone: (903) 583-5501 or (800) 424-9300 (Chemtrec)

For Additional Information Contact: Product Manager or Chemtrec

Common Name (Used on Label): Hi-Yield 38 Plus Turf, Termite & Ornamental Insect Control  
Containing 38% Permethrin  
EPA# 7401-466

### SECTION 2 - HAZARDOUS INGREDIENTS

This material is not known to contain any chemical listed as a carcinogen by OSHA, TARC or the National Toxicology Program (NIP) at a concentration greater than .1%

### SECTION 3 - FIRE AND EXPLOSION HAZARDS

FLASH POINT , °F: >150 Pensky Martin Closed Cup

FLAMMABLE LIMITS: N/D

EXTINGUISHING MEDIA: Dry chemical or waterspray or waterfog or CO<sub>2</sub> or Foam or Sand/Earth.

SPECIAL FIREFIGHTING PROCEDURES: N/D

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/D

### SECTION 4 - HEALTH HAZARD DATA

ORAL TOXICITY: Slight throat irritation and respiratory discomfort.

EYE IRRITATION: Slight irritation.

SKIN IRRITATION: Mild to moderate irritation.

PERMISSIBLE CONCENTRATIONS: N/D

CHRONIC EFFECTS OF OVEREXPOSURE: No data available.

ACUTE TOXICOLOGICAL PROPERTIES: Mild to moderate irritation.

### EMERGENCY FIRST AID PROCEDURES

SKIN: Immediately flush with large quantities of water for at least 15 minutes.

EYE: Immediately flush with large quantities of water for at least 15 minutes.

INHALATION: Remove to fresh air. If breathing is difficult, give oxygen, call a physician.

ORAL: If swallowed, call a physician.

ADDITIONAL: N/D

### SECTION 5 - SPECIAL PROTECTION INFORMATION

VENTILATION PROCEDURE: Local, mechanical, special.

GLOVE PROTECTION: Rubber or plastic, solvent resistant.

EYE PROTECTION: Chemical safety goggles.

OTHER PROTECTION: Neoprene protective type apron.

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### SECTION 6 - PHYSICAL DATA

VAPOR PRESSURE: No data available.  
VAPOR DENSITY: N/D  
SPECIFIC GRAVITY: @ 20°C 1.01  
EVAPORATION RATE: N/D  
WATER SOLUBILITY: Dispersible  
ODOR: Fatty  
PERCENT VOLATILE: 21  
APPEARANCE: Clear  
COLOR: Amber  
pH: 5  
FORM: Liquid

### SECTION 7 - STABILITY

STABILITY: Product is stable under normal conditions.  
INCOMPATIBILITY: Keep away from strong oxidizers such as hydrogen peroxide, bromine, and chromic acid.  
POLYMERIZATION: Not applicable.  
THERMAL DECOMPOSITION: Carbon monoxide and carbon dioxide from burning.

### SECTION 8 - SPILL OR LEAK PROCEDURES

SPILL PROCEDURES: Absorb with an inert material such as sand, soil or vermiculite; and sweep up and dispose in accordance with federal, state and local regulations.  
WASTE DISPOSAL: Dispose of in accordance with all applicable Federal, State and Local regulations.

### SECTION 9 - SPECIAL PRECAUTIONS

SPECIAL PRECAUTIONS: Precautions to be taken in handling and storage: Store between 40°F and 120°F.

### SECTION 10 - TRANSPORTATION AND LABELING

DOT PROPER SHIPPING NAME: Adjuvant spreader, sticker.  
DOT HAZARD CLASS: Combustible liquid.

### SECTION 11 - OTHER REGULATORY INFORMATION

SECTION 313 (Title II Superfund Amendment and Reauthorization Act).

THIS PRODUCT DOES NOT CONTAIN ANY CHEMICAL SUBJECT TO THE REPORTING REQUIREMENTS OF SECTIONS 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.

### SECTION 12 - ADDITIONAL INFORMATION

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall Voluntary Purchasing Groups, inc. be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Voluntary Purchasing Groups, Inc. has been advised of the possibility of such damages.