

MATERIAL SAFETY DATA SHEET



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

Voluntary Purchasing Groups, Inc.
230 FM 87
Bonham, Texas 75418

Hi-Yield® Spreader Sticker

Effective Date: May 7, 2012

1. PRODUCT AND COMPANY IDENTIFICATION:

PRODUCT: Hi-Yield® Spreader Sticker
CHEMICAL NAME: Non-ionic Surfactant
CHEMICAL FAMILY: Non-ionic Biodegradable
SIGNAL WORK: CAUTION

COMPANY IDENTIFICATION:

Voluntary Purchasing Groups, Inc.
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Bonham, TX. 75418

2. COMPOSITION / INFORMATION ON INGREDIENTS:

(Class = H (Hazardous), NH (Non-Hazardous))

NAME	CAS NUMBER	% (TYPICAL)	TLV (UNITS)	CLASS
Alkyl and Alkylaryl Polyoxyethylene Glycol	9016-45-9 68131-40-8	90.0%	5mg/m3	NH
Coupling Agents and Inerts	N/A	10.0%	N/A	NH

3. PHYSICAL DATA:

BOILING POINT (°F) 212°F	SPECIFIC GRAVITY (H ₂ O=1) 1.01-1.04 gms/cc	VAPOR PRESSURE (mm Hg) N.K.
PERCENT VOLATILE BY VOLUME (%) Approx. 5-10%	VAPOR DENSITY (AIR=1) N.K.	pH 4-7
SOLUBILITY IN WATER Complete		
APPEARANCE AND ODOR Clear liquid; alcohol odor		

4. FIRE AND EXPLOSION DATA:

FLASH POINT	>200°F
EXTINGUISHING MEDIA	Alcohol foam, Carbon Dioxide, water spray
FIRE FIGHTING PROCEDURES	Cool exposed equipment with water spray. Wear an approved self-contained breathing apparatus. Minimize run-off if possible.

5. REACTIVITY DATA:

STABILITY <input type="checkbox"/> Unstable <input checked="" type="checkbox"/> Stable	CONDITIONS TO AVOID Extreme Temperatures
INCOMPATIBILITY (Materials to Avoid) Store away from oxidizers	
HAZARDOUS DECOMPOSITION PRODUCTS Carbon Monoxide and Asphyxiants	

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HAZARDOUS POLYMERIZATION

May Occur Will Not occur

6. HEALTH HAZARD DATA:

CARCINOGENICITY	N/A
TOXICITY DATA	Oral LD50 (Rat) = 1,300 mg/kg Dermal LD50 (Rabbit) = 2,000 mg/kg
TLV	5 mg/m3
N.F.P.A.	Health: 2, Fire: 1, Reactivity: 0
(Rating: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Insignificant)	
EFFECTS OF OVEREXPOSURE	Vapor can irritate nose and throat. Also eye and skin irritation. Do not ingest.

7. EMERGENCY PROCEDURES:

IF ON SKIN OR CLOTHING	Wash with water, launder clothing before reuse. Obtain medical attention.
IF IN EYES	Flush with water. Obtain medical attention.
IF INHALED	Move victim to fresh air. Seek medical attention.
IF SWALLOWED	Do not induce vomiting, obtain medical attention immediately.

8. SPILL OR LEAK PROCEDURES:

STEPS TO BE TAKEN IN CASE MATERIAL IS LEAKED OR SPILLED
Dike and absorb spill with inert material. Transfer to suitable container for disposal. Keep out of reach of open bodies of water and/or sewers. Assure protective equipment is worn.
WASTE DISPOSAL METHOD
Dispose of in accordance with Federal, State, and local regulations.

9. SPECIAL PROTECTION INFORMATION:

RESPIRATORY PROTECTION	None normally required
VENTILATION	General recommended
PROTECTIVE GLOVES	Rubber imperious
EYE PROTECTION	Chemgoggles
OTHER	Coveralls, long-sleeved shirt, rubber boots

10. SPECIAL PRECAUTIONS:

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE: KEEP OUT OF REACH OF CHILDREN. FOLLOW LABEL DIRECTIONS CAREFULLY.

11. TRANSPORT INFORMTATION:

Not regulated by DOT or IMDG.

12. OTHER INFORMTATION:

The information presented herein for consideration, while not guaranteed, is true and accurate to the best of our knowledge. No warranty, or guaranty is expressed or implied regarding the accuracy or reliability of such information and we shall not be liable for any loss or consequential damages arising out of the use thereof.

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