



GRO-WELL Brands

MATERIAL SAFETY DATA SHEET

Print Date: New

SECTION I - Product and Company Identification

Product Name: Gro-Well® Pre-Vent Dog & Cat Repellent 38B454
Chemical Name: Natural dog & cat repellent composition
Manufacturer: Grain Processing Corporation, P.O. Box 349, 1600 Oregon Street, Muscatine, Iowa 52761
24-Hour Emergency Assistance: 563-264-4304
For Other Information Call: Gro-Well Brands - 860-657-8736
Grain Processing Corporation - 563-264-4243

SECTION II - Ingredients

<u>Ingredient(s):</u>	<u>CAS No.</u>
Castor Oil	8001-79-4
Citronella Oil	8000-29-1
Garlic Oil	8000-78-0
Grain Carrier	
Clove Oil	8000-34-8
(Oil of Clove)	

SECTION III - Physical Data

Boiling Point (°F): Not applicable **Specific Gravity:** Not applicable
Vapor Pressure (mm Hg): Not applicable **Moisture (% by Wt.):** ~7
Vapor Density (Air=1): Not applicable **Evaporation Rate (n-butyl acetate=1):** Not applicable
Solubility in Water: Substantially insoluble
Appearance & Odor: Brown granule, citrus garlic/clove odor

SECTION IV - Fire and Explosion Hazard Data

Flash Point: Not applicable **Flammable Limits:** Not applicable
Extinguishing Media: Water-chemical-CO2 **Special Fire Fighting Procedures:** None
Unusual Fire and Explosion Hazards: All dusts from grain products are explosive at critical air-dust concentrations.

SECTION V - Health Hazard Data

Route(s) of Entry: Inhalation - unlikely. Skin - no.
Carcinogenicity: NTP - no. IARC - no. OSHA - no.
Threshold Limit Value: Not applicable
Effects of Acute Overexposure: Unknown
Toxicity: Unknown
Emergency and First Aid Procedures: Unknown



SECTION VI - Reactivity Data

Stability: Stable

Conditions to Avoid: Damp or wet--may lead to bacterial spoilage and overheating

Incompatibility (Materials to Avoid): Acids and strong oxidants

Hazardous Decomposition Products: None

Hazardous Polymerization: Will not occur

SECTION VII - Spill or Leak Procedures

Steps to Be Taken in Case Material Is Released or Spilled: Sweep up. Avoid producing dust. Dispose of in an approved manner.

Waste Disposal Method: Dispose of in approved waste disposal area following current regulations.

SECTION VIII - Special Protection Information

Personal Protective Equipment: Protective clothing, gloves and safety eyewear protection are not required, but recommended. Use appropriate NIOSH-approved respirator when needed. Respirator selection must be based on contamination levels found in the work area. Comply with OSHA standards 29 CFR 1910.134 Respiratory Protection and 29 CFR 1910.1000 Air Contaminants Permissible Exposure Limits. Eyewash and safety shower should be available. Follow good housekeeping and manufacturing practices.

Ventilation: Use general or local exhaust ventilation to meet OSHA PELs or ACGIH TLV requirements.

SECTION IX - Special Precautions

Precautions to Be Taken in Handling and Storing: Avoid damp storage conditions and overheating

Other Precautions: None

SECTION X - Transportation (DOT Information)

Department of Transportation - Classification: Not applicable

Department of Transportation - Identification Number: Not applicable

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees.

GPC-MSDS
Grow-Well Brands Gro-Well® Pre-Vent Dog & Cat Repellent 38B454
Effective Date: 02/03/06

SECTION I - Product and Company Identification

Product Name: Gro-Well® 10-0-0 (+ 4% Fe + 1% S) 38B461

Chemical Name: Not applicable

Manufacturer: Grain Processing Corporation, P.O. Box 349, 1600 Oregon Street, Muscatine, Iowa 52761

24-Hour Emergency Assistance: 563-264-4304

For Other Information Call: Gro-Well Brands - 860-657-8736

Grain Processing Corporation - 563-264-4243

SECTION II - Ingredients

<u>Ingredient(s):</u>	<u>CAS No.</u>
Corn gluten meal	--
Urea	57-13-6
Ferrous sulfate (heptahydrate)	7782-63-0
Ferrous oxide, saccharated	8047-67-4
Alfalfa	--

SECTION III - Physical Data

Boiling Point (°F): Not applicable

Specific Gravity (H₂O=1): Not applicable

Vapor Pressure (mm Hg): Not applicable

Moisture (% by Wt.): ~5

Vapor Density (Air=1): Not applicable

Evaporation Rate (n-butyl acetate=1): Not applicable

Solubility in Water: Substantially insoluble

Appearance and Odor: Golden colored granule, slight odor

SECTION IV - Fire and Explosion Hazard Data

Flash Point: Not applicable

Flammable Limits: Not applicable

Extinguishing Media: Water-chemical-CO₂

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: All dusts are explosive at critical air-dust concentrations.

SECTION V - Health Hazard Data

Route(s) of Entry: Inhalation - unlikely. Skin - no.

Carcinogenicity: NTP - no. IARC - no. OSHA - no.

Threshold Limit Value: Not applicable

Effects of Acute Overexposure: Unknown

Toxicity: Unknown

Emergency and First Aid Procedures: Unknown

SECTION VI - Reactivity Data

Stability: Stable

Conditions to Avoid: Damp or wet--may lead to bacterial spoilage and overheating

Incompatibility (Materials to Avoid): Acids and strong oxidants

Hazardous Decomposition Products: None

Hazardous Polymerization: Will not occur

SECTION VII - Spill or Leak Procedures

Steps to Be Taken in Case Material Is Released or Spilled: Sweep up. Avoid producing dust. Dispose of in an approved manner.

Waste Disposal Method: Dispose of in approved waste disposal area following current regulations.

SECTION VIII - Special Protection Information

Personal Protective Equipment: Protective clothing, gloves and safety eyewear protection are not required, but recommended. Use appropriate NIOSH-approved respirator when needed. Respirator selection must be based on contamination levels found in the work area. Comply with OSHA standards 29 CFR 1910.134 Respiratory Protection and 29 CFR 1910.1000 Air Contaminants Permissible Exposure Limits. Eyewash and safety shower should be available. Follow good housekeeping and manufacturing practices.

Ventilation: Use general or local exhaust ventilation to meet OSHA PELs or ACGIH TLV requirements.

SECTION IX - Special Precautions

Precautions to Be Taken in Handling and Storing: Avoid damp storage conditions and overheating

Other Precautions: None

SECTION X - Transportation (DOT Information)

Department of Transportation - Classification: Not applicable

Department of Transportation - Identification Number: Not applicable

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees.

GPC-MSDS
Gro-Well Brands Gro-Well® 10-0-0 (+ 4% Fe + 1% S) 38B461
Effective Date: 1/06/06

GRO-WELL Brands

MATERIAL SAFETY DATA SHEET

Print Date: New

SECTION I - Product and Company Identification

Product Name: Gro-Well® Iron Green (5% Fe) 38B462
Chemical Name: Not applicable
Manufacturer: Grain Processing Corporation, P.O. Box 349, 1600 Oregon Street, Muscatine, Iowa 52761
24-Hour Emergency Assistance: 563-264-4304
For Other Information Call: Gro-Well Brands - 860-657-8736
Grain Processing Corporation - 563-264-4243

SECTION II - Ingredients

<u>Ingredient(s):</u>	<u>CAS No.</u>
Tennessee brown ore	--
Calcium carbonate	471-34-1
Ferrous sulfate	7720-78-7
Ammonium sulfate	7783-20-2
Ferrous Oxide, saccharated	8047-67-4
Urea	57-13-6
Alfalfa	--

SECTION III - Physical Data

Boiling Point (°F): Not applicable **Specific Gravity (H₂O=1):** Not applicable
Vapor Pressure (mm Hg): Not applicable **Moisture (% by Wt.):** ~5
Vapor Density (Air=1): Not applicable **Evaporation Rate (n-butyl acetate=1):** Not applicable
Solubility in Water: Substantially insoluble
Appearance and Odor: Brown granule, earthy odor

SECTION IV - Fire and Explosion Hazard Data

Flash Point: Not applicable **Flammable Limits:** Not applicable
Extinguishing Media: Water-chemical-CO₂ **Special Fire Fighting Procedures:** None
Unusual Fire and Explosion Hazards: All dusts are explosive at critical air-dust concentrations.

SECTION V - Health Hazard Data

Route(s) of Entry: Inhalation - unlikely. Skin - no.
Carcinogenicity: NTP - no. IARC - no. OSHA - no.
Threshold Limit Value: Not applicable
Effects of Acute Overexposure: Unknown
Toxicity: Unknown
Emergency and First Aid Procedures: Unknown



SECTION VI - Reactivity Data

Stability: Stable

Conditions to Avoid: Damp or wet--may lead to bacterial spoilage and overheating

Incompatibility (Materials to Avoid): Acids and strong oxidants

Hazardous Decomposition Products: None

Hazardous Polymerization: Will not occur

SECTION VII - Spill or Leak Procedures

Steps to Be Taken in Case Material Is Released or Spilled: Sweep up. Avoid producing dust. Dispose of in an approved manner.

Waste Disposal Method: Dispose of in approved waste disposal area following current regulations.

SECTION VIII - Special Protection Information

Personal Protective Equipment: Protective clothing, gloves and safety eyewear protection are not required, but recommended. Use appropriate NIOSH-approved respirator when needed. Respirator selection must be based on contamination levels found in the work area. Comply with OSHA standards 29 CFR 1910.134 Respiratory Protection and 29 CFR 1910.1000 Air Contaminants Permissible Exposure Limits. Eyewash and safety shower should be available. Follow good housekeeping and manufacturing practices.

Ventilation: Use general or local exhaust ventilation to meet OSHA PELs or ACGIH TLV requirements.

SECTION IX - Special Precautions

Precautions to Be Taken in Handling and Storing: Avoid damp storage conditions and overheating

Other Precautions: None

SECTION X - Transportation (DOT Information)

Department of Transportation - Classification: Not applicable

Department of Transportation - Identification Number: Not applicable

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees.

GPC-MSDS

Gro-Well Brands Gro-Well® Iron Green (5% Fe) 38B462

Effective Date: 1/06/06



GRO-WELL Brands

MATERIAL SAFETY DATA SHEET

Print Date: New

SECTION I - Product and Company Identification

Product Name: Power Lime 38BP10
Chemical Name: Not applicable

Manufacturer: Grain Processing Corporation, P.O. Box 349, 1600 Oregon Street, Muscatine, Iowa 52761

24-Hour Emergency Assistance: 563-264-4304
For Other Information Call: Gro-Well Brands - 860-657-8736
Grain Processing Corporation - 563-264-4243

SECTION II - Ingredients

<u>Ingredient(s):</u>	<u>CAS No.</u>	<u>% by Wt.</u>	<u>OSHA PEL</u>		<u>ACGIH TLV</u>	
			<u>TWA</u>	<u>STEL</u>	<u>TWA</u>	<u>STEL</u>
Calcium hydroxide	1305-62-0	-	15 mg/m ³	-	5 mg/m ³	-
Calcium carbonate	1317-65-3	-	15 mg/m ³	-	10 mg/m ³	-
Corn oil	8001-30-7	-	-	-	-	-
Alfalfa	-	-	-	-	-	-
Proprietary	-	-	-	-	-	-

SECTION III - Physical Data

Boiling Point (°F): Not applicable **Specific Gravity (H₂O=1):** Not applicable

Vapor Pressure (mm Hg): Not applicable **Moisture (% by Wt.):** ~8

Vapor Density (Air=1): Not applicable **Evaporation Rate (n-butyl acetate=1):** Not applicable

Solubility in Water: Partially soluble

Appearance and Odor: Dark gray, black granule; musty, earthy odor

SECTION IV - Fire and Explosion Hazard Data

Flash Point (Method Used): Not applicable

Extinguishing Media: Water - Chemical - CO₂

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: Not applicable

SECTION V - Health Hazard Data

Route(s) of Entry: Inhalation - as dust. Eye - as dust. Skin - no. Ingestion - unlikely; should pose no hazard.

Carcinogenicity: NTP - no. IARC - no. OSHA - no.

Threshold Limit Value: See Section II

Effects of Overexposure: Irritation of skin, eyes, and respiratory tract.

Emergency and First Aid Procedures: Remove to fresh air. Wash contacted areas with soap and water. Flush out eyes with large amount of water for at least 30 minutes. Drink plenty, if ingested. Seek medical attention.



SECTION VI - Reactivity Data

Stability: Stable

Incompatibility (Materials to Avoid): Acids

Hazardous Decomposition Products: None

Hazardous Polymerization: Will not occur

Conditions to Avoid: Not applicable

SECTION VII - Spill or Leak Procedures

Steps to Be Taken in Case Material Is Released or Spilled: Sweep up and/or flush clear with water; avoid production of dust.

Waste Disposal Method: Dispose of in approved solid waste disposal area per current regulations.

SECTION VIII - Special Protection Information

Personal Protective Equipment: Protective clothing, gloves, and safety eyewear protection are not required, but recommended. Use appropriate NIOSH-approved respirator when needed. Respirator selection must be based on contamination levels found in the work area. Comply with OSHA standards 29 CFR 1910.134 Respiratory Protection and 29 CFR 1910.1000 Air Contaminants Permissible Exposure Limits. Eyewash and safety shower should be available. Follow good housekeeping and manufacturing practices.

Ventilation: Use general or local exhaust ventilation to meet OSHA PELs or ACGIH TLV requirements.

SECTION IX - Special Precautions

Precautions To Be Taken In Handling and Storing: Store in cool, dry area. Avoid handling procedures which produce dust clouds or allow dust to accumulate.

Other Precautions: None

SECTION X - Transportation (DOT Information)

Department of Transportation - Classification: Not applicable

Department of Transportation - Identification Number: Not applicable

SECTION XI - Regulatory Information

The ingredients in this product are listed in the US TSCA inventory:

California Proposition 65 (California Safe Drinking Water and Toxic Enforcement Act of 1986).

WARNING: This product contains substances known to the State of California to cause cancer. Trace amounts of crystalline silica are present.

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees.

GPC-MSDS
Power Lime 38BP10
Effective Date: 12/19/05



SECTION VI - Reactivity Data

Stability: Stable

Incompatibility (Materials to Avoid): Strong oxidizing agents

Hazardous Decomposition Products: None

Hazardous Polymerization: Will not occur

Conditions to Avoid: Do not allow dust to accumulate. Avoid air movement which can create dust clouds. Avoid open flames, smoking materials, hot coals of any type, welding operations, open lights, etc.

SECTION VII - Spill or Leak Procedures

Steps to Be Taken in Case Material Is Released or Spilled: Sweep up and/or flush clear with water; avoid production of dust.

Waste Disposal Method: Dispose of in approved solid waste disposal area per current regulations.

SECTION VIII - Special Protection Information

Personal Protective Equipment: Protective clothing, gloves and safety eyewear protection are not required, but recommended. Use appropriate NIOSH-approved respirator when needed. Respirator selection must be based on contamination levels found in the work area. Comply with OSHA standards 29 CFR 1910.134 Respiratory Protection and 29 CFR 1910.1000 Air Contaminants Permissible Exposure Limits. Eyewash and safety shower should be available. Follow good housekeeping and manufacturing practices.

Ventilation: Use general or local exhaust ventilation to meet OSHA PELs or ACGIH TLV requirements.

SECTION IX - Special Precautions

Precautions To Be Taken In Handling and Storing: Store in cool, dry area. Avoid handling procedures which produce dust clouds or allow dust to accumulate.

Other Precautions: None

SECTION X - Transportation (DOT Information)

Department of Transportation - Classification: Not applicable

Department of Transportation - Identification Number: Not applicable

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees.

GPC-MSDS

Gro-Well Brands Gro-Well® Spring Lawn Food plus Preemergent Crabgrass Control (9-0-0) 38B380

Effective Date: 12/01/05

SECTION VI - Reactivity Data

Stability: Stable

Conditions to Avoid: Damp or wet--may lead to bacterial spoilage and overheating

Incompatibility (Materials to Avoid): Acids and strong oxidants

Hazardous Decomposition Products: None

Hazardous Polymerization: Will not occur

SECTION VII - Spill or Leak Procedures

Steps to Be Taken in Case Material Is Released or Spilled: Sweep up. Avoid producing dust. Dispose of in an approved manner.

Waste Disposal Method: Dispose of in approved waste disposal area following current regulations.

SECTION VIII - Special Protection Information

Personal Protective Equipment: Protective clothing, gloves and safety eyewear protection are not required, but recommended. Use appropriate NIOSH-approved respirator when needed. Respirator selection must be based on contamination levels found in the work area. Comply with OSHA standards 29 CFR 1910.134 Respiratory Protection and 29 CFR 1910.1000 Air Contaminants Permissible Exposure Limits. Eyewash and safety shower should be available. Follow good housekeeping and manufacturing practices.

Ventilation: Use general or local exhaust ventilation to meet OSHA PELs or ACGIH TLV requirements.

SECTION IX - Special Precautions

Precautions to Be Taken in Handling and Storing: Avoid damp storage conditions and overheating

Other Precautions: None

SECTION X - Transportation (DOT Information)

Department of Transportation - Classification: Not applicable

Department of Transportation - Identification Number: Not applicable

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees.

GPC-MSDS

Gro-Well Brands Gro-Well® Summer Lawn Food (15-0-4) 38B382

Effective Date: 12/01/05



Gro-Well Brands

MATERIAL SAFETY DATA SHEET

Print Date: 12/05/05

SECTION I - Product and Company Identification

Product Name: Gro-Well® Fall Lawn Food (12-0-6) 38B384
Chemical Name: Natural base fall fertilizer; turf and root formula
Manufacturer: Grain Processing Corporation, P.O. Box 349, 1600 Oregon Street, Muscatine, Iowa 52761
24-Hour Emergency Assistance: 563-264-4304
For Other Information Call: Gro-Well Brands - 860-657-8736
Grain Processing Corporation - 563-264-4243

SECTION II - Ingredients

<u>Ingredient(s):</u>	<u>CAS No.</u>
Corn gluten meal	66071-96-3
Fish meal	NA
Urea	57-13-6
Sulfate of Potash	7778-80-5
Alfalfa	NA

SECTION III - Physical Data

Boiling Point (°F): Not applicable **Specific Gravity (H₂O=1):** Not applicable
Vapor Pressure (mm Hg): Not applicable **Moisture (% by Wt.):** ~10
Vapor Density (Air=1): Not applicable **Evaporation Rate (n-butyl acetate=1):** Not applicable
Solubility in Water: Not applicable
Appearance and Odor: Brown pellet; slight odor

SECTION IV - Fire and Explosion Hazard Data

Flash Point: Not applicable **Flammable Limits:** Not applicable
Extinguishing Media: Water-chemical-CO₂ **Special Fire Fighting Procedures:** None
Unusual Fire and Explosion Hazards: Dusts from grain products suspended in air are explosive at critical air-dust concentrations.

SECTION V - Health Hazard Data

Route(s) of Entry: Inhalation - unlikely. Skin - no.
Carcinogenicity: NTP - no. IARC - no. OSHA - no.
Threshold Limit Value: Not applicable
Effects of Acute Overexposure: Unknown
Toxicity: Unknown
Emergency and First Aid Procedures: Unknown

SECTION VI - Reactivity Data

Stability: Stable

Conditions to Avoid: Damp or wet--may lead to bacterial spoilage and overheating

Incompatibility (Materials to Avoid): Acids and strong oxidants

Hazardous Decomposition Products: None

Hazardous Polymerization: Will not occur

SECTION VII - Spill or Leak Procedures

Steps to Be Taken in Case Material Is Released or Spilled: Sweep up. Avoid producing dust. Dispose of in an approved manner.

Waste Disposal Method: Dispose of in approved waste disposal area following current regulations.

SECTION VIII - Special Protection Information

Personal Protective Equipment: Protective clothing, gloves and safety eyewear protection are not required, but recommended. Use appropriate NIOSH-approved respirator when needed. Respirator selection must be based on contamination levels found in the work area. Comply with OSHA standards 29 CFR 1910.134 Respiratory Protection and 29 CFR 1910.1000 Air Contaminants Permissible Exposure Limits. Eyewash and safety shower should be available. Follow good housekeeping and manufacturing practices.

Ventilation: Use general or local exhaust ventilation to meet OSHA PELs or ACGIH TLV requirements.

SECTION IX - Special Precautions

Precautions to Be Taken in Handling and Storing: Avoid damp storage conditions and overheating

Other Precautions: None

SECTION X - Transportation (DOT Information)

Department of Transportation - Classification: Not applicable

Department of Transportation - Identification Number: Not applicable

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees.

GPC-MSDS

Gro-Well Brands Gro-Well[®] Fall Lawn Food (12-0-6) 38B384

Effective Date: 12/01/05



Gro-Well Brands

MATERIAL SAFETY DATA SHEET

Print Date: 12/01/05

SECTION I - Product and Company Identification

Product Name: Gro-Well® Mosquito Shield 38B386, 38B387
Chemical Name: Natural mosquito repellent composition
Manufacturer: Grain Processing Corporation, P.O. Box 349, 1600 Oregon Street, Muscatine, Iowa 52761
24-Hour Emergency Assistance: 563-264-4304
For Other Information Call: Gro-Well Brands - 860-657-8736
Grain Processing Corporation - 563-264-4243

SECTION II - Ingredients

<u>Ingredient(s):</u>	<u>CAS No.</u>
Castor Oil	8001-79-4
Citronella Oil	8000-29-1
Garlic Oil	8000-78-0
Grain Carrier	

SECTION III - Physical Data

Boiling Point (°F): Not applicable **Specific Gravity:** Not applicable
Vapor Pressure (mm Hg): Not applicable **Moisture (% by Wt.):** ~7
Vapor Density (Air=1): Not applicable **Evaporation Rate (n-butyl acetate=1):** Not applicable
Solubility in Water: Substantially insoluble
Appearance & Odor: Brown granule, citrus garlic odor

SECTION IV - Fire and Explosion Hazard Data

Flash Point: Not applicable **Flammable Limits:** Not applicable
Extinguishing Media: Water-chemical-CO2 **Special Fire Fighting Procedures:** None
Unusual Fire and Explosion Hazards: All dusts from grain products are explosive at critical air-dust concentrations.

SECTION V - Health Hazard Data

Route(s) of Entry: Inhalation - unlikely. Skin - no.
Carcinogenicity: NTP - no. IARC - no. OSHA - no.
Threshold Limit Value: Not applicable
Effects of Acute Overexposure: Unknown
Toxicity: Unknown
Emergency and First Aid Procedures: Unknown



SECTION VI - Reactivity Data

Stability: Stable

Conditions to Avoid: Damp or wet--may lead to bacterial spoilage and overheating

Incompatibility (Materials to Avoid): Acids and strong oxidants

Hazardous Decomposition Products: None

Hazardous Polymerization: Will not occur

SECTION VII - Spill or Leak Procedures

Steps to Be Taken in Case Material Is Released or Spilled: Sweep up. Avoid producing dust. Dispose of in an approved manner.

Waste Disposal Method: Dispose of in approved waste disposal area following current regulations.

SECTION VIII - Special Protection Information

Personal Protective Equipment: Protective clothing, gloves and safety eyewear protection are not required, but recommended. Use appropriate NIOSH-approved respirator when needed. Respirator selection must be based on contamination levels found in the work area. Comply with OSHA standards 29 CFR 1910.134 Respiratory Protection and 29 CFR 1910.1000 Air Contaminants Permissible Exposure Limits. Eyewash and safety shower should be available. Follow good housekeeping and manufacturing practices.

Ventilation: Use general or local exhaust ventilation to meet OSHA PELs or ACGIH TLV requirements.

SECTION IX - Special Precautions

Precautions to Be Taken in Handling and Storing: Avoid damp storage conditions and overheating

Other Precautions: None

SECTION X - Transportation (DOT Information)

Department of Transportation - Classification: Not applicable

Department of Transportation - Identification Number: Not applicable

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees.

GPC-MSDS

Gro-Well Brands Gro-Well® Mosquito Shield 38B386, 38B387

Effective Date: 12/01/05



Gro-Well Brands

MATERIAL SAFETY DATA SHEET

Print Date: 12/01/05

SECTION I - Product and Company Identification

Product Name: Gro-Well® Mole Shield 38B388
Chemical Name: Natural mole repellent composition
Manufacturer: Grain Processing Corporation, P.O. Box 349, 1600 Oregon Street, Muscatine, Iowa 52761
24-Hour Emergency Assistance: 563-264-4304
For Other Information Call: Gro-Well Brands - 860-657-8736
Grain Processing Corporation - 563-264-4243

SECTION II - Ingredients

<u>Ingredient(s):</u>	<u>CAS No.</u>
Castor Oil	8001-79-4
Grain Carrier	

SECTION III - Physical Data

Boiling Point (°F): Not applicable **Specific Gravity:** Not applicable
Vapor Pressure (mm Hg): Not applicable **Moisture (% by Wt.):** ~5
Vapor Density (Air=1): Not applicable **Evaporation Rate (n-butyl acetate=1):** Not applicable
Solubility in Water: Substantially insoluble
Appearance & Odor: Brown granule, grain odor

SECTION IV - Fire and Explosion Hazard Data

Flash Point: Not applicable **Flammable Limits:** Not applicable
Extinguishing Media: Water-chemical-CO2 **Special Fire Fighting Procedures:** None
Unusual Fire and Explosion Hazards: All dusts from grain products are explosive at critical air-dust concentrations.

SECTION V - Health Hazard Data

Route(s) of Entry: Inhalation - unlikely. Skin - no.
Carcinogenicity: NTP - no. IARC - no. OSHA - no.
Threshold Limit Value: Not applicable
Effects of Acute Overexposure: Unknown
Toxicity: Unknown
Emergency and First Aid Procedures: Unknown

SECTION VI - Reactivity Data

Stability: Stable

Conditions to Avoid: Damp or wet--may lead to bacterial spoilage and overheating

Incompatibility (Materials to Avoid): Acids and strong oxidants

Hazardous Decomposition Products: None

Hazardous Polymerization: Will not occur

SECTION VII - Spill or Leak Procedures

Steps to Be Taken in Case Material Is Released or Spilled: Sweep up. Avoid producing dust. Dispose of in an approved manner.

Waste Disposal Method: Dispose of in approved waste disposal area following current regulations.

SECTION VIII - Special Protection Information

Personal Protective Equipment: Protective clothing, gloves and safety eyewear protection are not required, but recommended. Use appropriate NIOSH-approved respirator when needed. Respirator selection must be based on contamination levels found in the work area. Comply with OSHA standards 29 CFR 1910.134 Respiratory Protection and 29 CFR 1910.1000 Air Contaminants Permissible Exposure Limits. Eyewash and safety shower should be available. Follow good housekeeping and manufacturing practices.

Ventilation: Use general or local exhaust ventilation to meet OSHA PELs or ACGIH TLV requirements.

SECTION IX - Special Precautions

Precautions to Be Taken in Handling and Storing: Avoid damp storage conditions and overheating

Other Precautions: None

SECTION X - Transportation (DOT Information)

Department of Transportation - Classification: Not applicable

Department of Transportation - Identification Number: Not applicable

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees.

SECTION VI - Reactivity Data

Stability: Stable

Conditions to Avoid: Damp or wet--may lead to bacterial spoilage and overheating

Incompatibility (Materials to Avoid): Acids and strong oxidants

Hazardous Decomposition Products: None

Hazardous Polymerization: Will not occur

SECTION VII - Spill or Leak Procedures

Steps to Be Taken in Case Material Is Released or Spilled: Sweep up. Avoid producing dust. Dispose of in an approved manner.

Waste Disposal Method: Dispose of in approved waste disposal area following current regulations.

SECTION VIII - Special Protection Information

Personal Protective Equipment: Protective clothing, gloves and safety eyewear protection are not required, but recommended. Use appropriate NIOSH-approved respirator when needed. Respirator selection must be based on contamination levels found in the work area. Comply with OSHA standards 29 CFR 1910.134 Respiratory Protection and 29 CFR 1910.1000 Air Contaminants Permissible Exposure Limits. Eyewash and safety shower should be available. Follow good housekeeping and manufacturing practices.

Ventilation: Use general or local exhaust ventilation to meet OSHA PELs or ACGIH TLV requirements.

SECTION IX - Special Precautions

Precautions to Be Taken in Handling and Storing: Avoid damp storage conditions and overheating

Other Precautions: None

SECTION X - Transportation (DOT Information)

Department of Transportation - Classification: Not applicable

Department of Transportation - Identification Number: Not applicable

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees.

GPC-MSDS

Gro-Well Brands Gro-Well® Fresh Start Soil Amendment 38BP15
Effective Date: 091305