

# SAFETY DATA SHEET

ABSORBINE® ULTRASHIELD® EX INSECTICIDE & REPELLENT

## SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

<b>1.1 Trade Name (as labeled):</b>	Absorbine® Ultrashield® EX Insecticide & Repellent	
Synonyms:	N/A	
CAS No:	Mixture	SKU#: 430855; 430865;
<b>1.2 Product Use:</b>	Residual insecticide use	440913; 440919; 430875
<b>1.3 Company Name:</b>	Utilisation d'insecticide résiduel	
Company Address:	W.F. Young	
Company Address Cont:	302 Benton Dr	
Business Phone:	East Longmeadow, MA 01028	
Website:	(413) 526-9999	
<b>1.4 Emergency Telephone Number:</b>	<a href="http://www.wfyoung.com">www.wfyoung.com</a>	
Date of Current Revision:	(413) 526-9999	
Date of Last Revision:	January 11, 2019	
	July 2, 2018	

## SECTION 2 - HAZARD IDENTIFICATION IDENTIFICATION DES DANGERS

**EMERGENCY OVERVIEW:** This product is a white liquid with a characteristic insecticide odor.

**VUE D'ENSEMBLE D'URGENCE:** Ce produit est un liquide blanc avec une odeur d'insecticide caractéristique.

**Health Hazards:** May cause eye irritation. Risques pour la santé: Peut causer une irritation des yeux.

**Flammability Hazards:** This product is a flammable liquid with a flash point of 100.6°F (38.1°C) that has been reclassified as a combustible liquid that does not sustain combustion.

**Risques d'inflammabilité:** Ce produit est un liquide inflammable avec un point d'éclair de 38,1 ° C (100,6 ° F) qui a été reclassifié comme liquide combustible qui ne maintient pas la combustion.

**Reactivity Hazards:** None. Risques de réactivité: Aucun.

**Environmental Hazards:** The environmental effects of this product have not been investigated, however release may cause long term adverse environmental effects

**Risques environnementaux:** Les effets de ce produit sur l'environnement n'ont pas été étudiés, toutefois, les rejets peuvent avoir des effets néfastes sur l'environnement à long terme.

EU and GHS Symbols:



Signal Word:

Warning! Attention!

Components Contributing to Classification:

Isopropyl Alcohol, Piperonyl butoxide, Pyrethrins

**Label Elements:**

GHS Hazard Classifications:

Flammable Liquid Category 3  
Eye Irritation Category 2A  
Aquatic Acute Category 3  
Aquatic Chronic Category 3

**Health Hazards or Risks From Exposure:**

Symptoms of Overexposure by Route of Exposure:

The most significant routes of overexposure for this product are by contact with skin or eyes. The symptoms of overexposure are described in the following paragraphs.

Les voies de surexposition les plus importantes pour ce produit sont le contact avec la peau ou les yeux. Les symptômes de surexposition sont décrits dans les paragraphes suivants.

Acute: Aigu:

Inhalation: May cause drowsiness or dizziness.

Inhalation: Peut provoquer somnolence ou vertiges.

Skin Contact: May cause irritation to skin.

Contact avec la peau: Peut causer une irritation de la peau.

Eye Contact: Direct contact to the eyes may be irritating.

Contact avec les yeux: Le contact direct avec les yeux peut être irritant.

Ingestion: May cause irritation if swallowed.

Ingestion: Peut provoquer une irritation en cas d'ingestion.

Chronic: None known

Target Organs: Organes cibles:

Acute: Skin, Eyes Aiguë: peau, yeux

**SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS COMPOSITION / INFORMATIONS SUR LES OMPOSANTS**

Hazardous Ingredients:	WT%	CAS No.	EINECS No.	Hazard Classification
Isopropyl Alcohol	10-12%	67-63-0	200-661-7	Flammable Liquid Category 2, Eye Irritation Category 2A, STOT SE Category 3 (CNS)
Piperonyl butoxide	1%	51-03-6	200-076-7	Aquatic Acute 1, Aquatic Chronic 1
Permethrin	0.5%	52645-53-1	258-067-9	Acute Toxicity 4 (Oral, Dermal, Inhalation) Aquatic Acute 1, Aquatic Chronic 1
Pyrethrins	0.1%	8003-34-7	232-319-8	Acute Toxicity 4 (Oral, Dermal, Inhalation) Aquatic Acute 1, Aquatic Chronic 1

Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).

**SECTION 4 - FIRST AID MEASURES - PREMIERS SECOURS****4.1 Description of First Aid Measures:**

4.1 Eye Contact:

If product enters the eyes, flush with plenty of water or eye wash solution for several minutes. Remove contacts if present and easy to do. Seek medical attention if irritation persists.

Si le produit pénètre dans les yeux, rincer abondamment à l'eau ou avec une solution de rinçage pour les yeux pendant plusieurs minutes. Supprimez les contacts si présents et faciles à faire. Consulter un médecin si l'irritation persiste.

Skin Contact:	Wash skin thoroughly with soap and water after handling. Seek medical attention if irritation develops and persists. Laver soigneusement la peau à l'eau et au savon après la manipulation. Consulter un médecin si une irritation se développe et persiste.
Inhalation:	If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention. Si la respiration devient difficile, emmener la victime à l'air frais. Si nécessaire, utiliser la respiration artificielle pour soutenir les fonctions vitales. Demander de l'aide médicale.
Ingestion:	If product is swallowed, call physician or poison center immediately. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional. Si le produit est avalé, appelez le médecin ou le centre antipoison immédiatement. Si les conseils d'un professionnel ne sont pas disponibles, ne pas faire vomir. Ne faites jamais vomir ni ne donnez de diluant (lait ou eau) à une personne inconsciente, qui a des convulsions ou qui ne peut pas avaler. Consultez un médecin. Apportez une copie de l'étiquette et / ou du SDS avec la victime au professionnel de la santé.
Medical Conditions Generally Aggravated by Exposure:	Pre-existing skin, respiratory system or eye problems may be aggravated by prolonged contact. Un contact prolongé peut aggraver des problèmes de peau, des voies respiratoires ou des yeux préexistants.

**4.2 Symptoms and Effects Both Acute and Delayed:**  
aux yeux peut causer une irritation

Exposure to skin and eyes may cause irritation. L'exposition à la peau et

**4.3 Recommendations to Physicians:**  
éliminer la surexposition

Treat symptoms and eliminate overexposure. Traiter les symptômes et

## SECTION 5 - FIRE FIGHTING MEASURES LUTTE CONTRE L'INCENDIE

### **5.1 Fire Extinguishing Materials:**

Use the following fire extinguishing materials:	Water Spray: Yes	Carbon Dioxide: Yes
	Foam: Yes	Dry Chemical: Yes
	Halon: Yes	Other: Any "C" Class

Note:

This product was tested, via ASTM Method D4206-96, with a result indicating that it does NOT sustain combustion.

Ce produit a été testé, selon la méthode ASTM D4206-96, avec un résultat indiquant qu'il n'entretenait pas la combustion.

### **5.2 Unusual Fire and Explosion Hazards:**

Explosive Sensitivity to Mechanical Impact:

No

Explosive Sensitivity to Static Discharge:

No

Les premiers pompiers devraient porter des lunettes de protection  
Incipient fire responders should wear eye protection.

Structural firefighters must wear Self-Contained Breathing Apparatus (SCBA) and full protective equipment.

Isolate materials not yet involved in the fire and protect personnel.  
Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray.

If possible, prevent run-off water from entering storm drains, bodies of water, or other environmentally sensitive areas.

### **5.3 Special Fire-Fighting Procedures:**

NFPA RATING SYSTEM		HMIS RATING SYSTEM													
HAZARDOUS MATERIAL IDENTIFICATION SYSTEM															
		HEALTH HAZARD (BLUE)	1												
		FLAMMABILITY HAZARD (RED)	3												
		PHYSICAL HAZARD (YELLOW)	0												
<table border="1"> <thead> <tr> <th colspan="4">PROTECTIVE EQUIPMENT</th> </tr> <tr> <th>EYES</th> <th>RESPIRATORY</th> <th>HANDS</th> <th>BODY</th> </tr> </thead> <tbody> <tr> <td></td> <td>See Sect 8</td> <td></td> <td>See Sect 8</td> </tr> </tbody> </table>				PROTECTIVE EQUIPMENT				EYES	RESPIRATORY	HANDS	BODY		See Sect 8		See Sect 8
PROTECTIVE EQUIPMENT															
EYES	RESPIRATORY	HANDS	BODY												
	See Sect 8		See Sect 8												
For Routine Industrial Use and Handling Applications															
Hazard Scale: 0 = Minimum 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic Hazard															

## SECTION 6 - ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS) MESURES EN CAS DE DÉVERSEMENT ACCIDENTEL

### 6.1 Personal Precautions, Protective Equipment and Emergency Procedures: Use cautious judgment when cleaning up spill.

Wear suitable protective clothing, gloves, and eye/face protection. Keep away from ignition sources. In case of fire, do not spray onto a naked flame or any incandescent material.

Précautions personnelles, équipement de protection et procédures d'urgence: Faites preuve de prudence lors du nettoyage des déversements. Porter des vêtements de protection appropriés, des gants et un appareil de protection des yeux / du visage. Tenir à l'écart des sources d'inflammation. En cas d'incendie, ne pas vaporiser sur une flamme nue ou sur un matériau incandescent.

### 6.2 Environmental Precautions:

Construct a dike to prevent spreading. Keep out of sewers, storm drains, surface waters, and soils.

6.2 Précautions environnementales:

Construire une digue pour éviter la propagation. Garder hors des égouts, des égouts pluviaux, des eaux de surface et des sols

### 6.3 Spill and Leak Response:

Small Spills:

- Collect material via broom or mop. Place in tightly sealed containers for proper disposal.
- Approach spill areas with caution.
- If liquid was introduced, create a dike or trench to contain material. Soak up with absorbent material such as clay, sand or other suitable non-reactive material.
- Place in leak-proof containers. Seal tightly for proper disposal.
- Dispose of in accordance with U.S. Federal, State, and local hazardous waste disposal regulations and those of Canada and its Provinces, those of Australia, Japan and EU Member States (see Section 13, Disposal Considerations).

Large Spills:

### 6.3 Intervention en cas de fuite ou de déversement:

- Petits déversements:
- Ramassez le matériel avec un balai ou une vadrouille. Placez dans des récipients hermétiquement fermés pour une élimination appropriée.
- Approcher les zones de déversement avec prudence.
- Si du liquide a été introduit, créez une digue ou une tranchée pour contenir le matériau. Enlever avec un matériau absorbant tel que l'argile, le sable ou un autre matériau non réactif approprié.

Grands déversements:

- Placer dans des contenants étanches. Bien sceller pour une élimination appropriée.
- Éliminer conformément aux réglementations américaines, nationales et locales en matière d'élimination des déchets dangereux, ainsi qu'à celles du Canada et de ses provinces, ainsi qu'à celles de l'Australie, du Japon et des États membres de l'UE (voir Section 13, Considérations lors de l'élimination).

**SECTION 7 - HANDLING AND STORAGE MANIPULATION ET STOCKAGE****7.1 Precautions for Safe Handling:**

To prevent eye contact under the foreseeable conditions of use, wear appropriate safety eyewear. When handling, do not eat, drink, or smoke. Wash thoroughly after handling. Do not handle or store near heat, sparks, or flame.

**Précautions à prendre pour une manipulation sans danger:**

Pour éviter tout contact avec les yeux dans les conditions d'utilisation prévisibles, portez des lunettes de protection appropriées. Lors de la manipulation, ne pas manger, ne pas boire et ne pas fumer. Se laver à fond après la manipulation. Ne pas manipuler ou stocker près de la chaleur, des étincelles ou des flammes.

**7.2 Storage and Handling Practices:**

Keep away from incompatible materials. Keep container closed when not in use and store in well ventilated area.

**Pratiques d'entreposage et de manutention:**

Tenir à l'écart des matières incompatibles. Garder le contenant fermé lorsqu'il n'est pas utilisé et conserver dans un endroit bien ventilé.

**7.3 Specific Uses:**

See section 1.2.

**SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION****8.1 Exposure Parameters:**

Ingredients	CAS No.	OSHA PEL	NIOSH PEL
Isopropyl Alcohol	67-63-0	400 ppm / 980 mg/m <sup>3</sup>	400 ppm / 980 mg/m <sup>3</sup>
Piperonyl butoxide	51-03-6	Not Established	Not Established
Permethrin	52645-53-1	Not Established	Not Established
Pyrethrins	8003-34-7	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>

**8.2 Exposure Controls:****Ventilation and Engineering Controls:**

Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above.

Utiliser avec une ventilation adéquate pour assurer les niveaux d'exposition sont maintenue en dessous des limites indiquées ci-dessus.

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132), or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.

**Respiratory Protection:**

Not required for properly ventilated areas.

Non requis pour les zones correctement ventilées.

Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

**Eye Protection:**

Safety glasses or goggles are required.

Des lunettes de sécurité ou des lunettes de protection sont nécessaires

If necessary, refer to U.S. OSHA 29 CFR 1910.133, Canadian Standards, and the European Standard EN166, Australian Standards, or relevant Japanese Standards.

**Hand Protection:**

Chemical resistant gloves are recommended to prevent skin contact.

Des gants résistant aux produits chimiques sont recommandés pour éviter le contact avec la peau

If necessary, refer to U.S. OSHA 29 CFR 1910.138, the European Standard DIN EN 374, the appropriate Standards of Canada, Australian Standards, or relevant Japanese Standards.

**Body Protection:**

Use body protect appropriate to task being performed.  
 If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards. If a hazard of injury to the feet exists due to falling objects, rolling objects, where objects may pierce the soles of the feet or where employee's feet may be exposed to electrical hazards, use foot protection, as described in U.S. OSHA 29 CFR 1910.136.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES PROPRIETES PHYSIQUES ET CHIMIQUES****9.1 Information on Basic Physical and Chemical****Properties:**

Appearance (Physical State and Color): White liquid  
 Odor: Characteristic insecticide odour  
 Odor Threshold: No data available  
 pH: 5.58  
 Melting/Freezing Point: No data available  
 Boiling Point: 212°F (100°C)  
 Flash Point: 100.6°F (38.1°C)  
 Evaporation Rate: <1  
 Flammability (Solid; Gas): Not applicable  
 Upper/Lower Flammability or Explosion Limits: No data available  
 Vapor Pressure (mm Hg @ 20°C (68° F): No data available  
 Vapor Density: >1  
 Relative Density: 0.987 g/cm<sup>3</sup>  
 Specific Gravity: No data available  
 Solubility in Water: Complete  
 Weight per Gallon: 8.236 lb/gallon  
 Partition Coefficient (n-octanol/water): No data available  
 Auto-Ignition Temperature: No data available  
 Decomposition Temperature: No data available  
 Viscosity: 2.495 centistokes

**9.2 Other Information:**

No data available

**SECTION 10 - STABILITY AND REACTIVITY STABILITÉ ET RÉACTIVITÉ****10.1 Reactivity:**

This product is not reactive.

**10.2 Stability:**

Stable under conditions of normal storage and use.

**10.3 Possibility of Hazardous Reactions:**

Will not occur.

**10.4 Conditions to Avoid:**

Incompatible materials, ignition sources.

**10.5 Incompatible Substances:**

Strong oxidizers, strong acids.

**10.6 Hazardous Decomposition Products:**

Will not occur if handled and stored properly. In case of fire, oxides of carbon fumes or vapors and smoke may be produced.

**SECTION 11 - TOXICOLOGICAL INFORMATION INFORMATIONS TOXICOLOGIQUES****11.1 Information on Toxicological Effects:****Toxicity Data:**

Isopropyl Alcohol	67-63-0	LD50 Oral – Rat	7060 mg/kg
		LD50 Dermal – Rabbit	12,800 mg/kg
Piperonyl butoxide	51-03-6	LC50 Inhalation – Rat	>5.9 mg/l (4h)
		LD50 Dermal – Rabbit	>2,000 mg/kg
Pyrethrins	8003-34-7	LD50 Oral – Rat	200 mg/kg
		LC50 Dermal – Rabbit	300 mg/kg
Permethrin	52645-63-1	LD50 Oral – Rat	200 mg/kg
		LC50 Dermal – Rabbit	300 mg/kg

Suspected Cancer Agent:	Ingredients within this product are not found on one or more of the following lists: FEDERAL OSHA Z LIST, NTP, IARC, or CAL/OSHA and therefore are not considered to be cancer-causing agents by these agencies.
Irritancy:	Eye irritation.
Sensitization to the Product:	This product is not anticipated to cause skin or respiratory sensitization.
Germ Cell Mutagenicity:	This product does not contain ingredients that are suspected to be a germ cell mutagenic.
Reproductive Toxicity:	This product is not expected to be a human reproductive toxicant.

## SECTION 12 - ECOLOGICAL INFORMATION INFORMATION ÉCOLOGIQUE

<u>12.1 Toxicity:</u>	No specific data available on this product.
<u>12.2 Persistence and Degradability:</u>	No specific data available on this product.
<u>12.3 Bioaccumulative Potential:</u>	No specific data available on this product.
<u>12.4 Mobility in Soil:</u>	No specific data available on this product.
<u>12.5 Results of PBT and vPvB Assessment:</u>	No specific data available on this product.
<u>12.6 Other Adverse Effects:</u>	No data available
<u>12.7 Water Endangerment Class:</u>	At present, there are no ecotoxicological assessments for this product.

## SECTION 13 - DISPOSAL CONSIDERATIONS CONSIDÉRATIONS RELATIVES À L'ÉLIMINATION

13.1 Waste Treatment Methods:	Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, those of Australia, EU Member States and Japan.
13.2 EU Waste Code:	Not determined

## SECTION 14 - TRANSPORTATION INFORMATION INFORMATIONS DE TRANSPORT

### 14.1 U.S. Department of Transportation (DOT) Shipping Regulations (32oz and 128oz bottles):

This product is not classified (per 49 CFR 172.101) by the U.S. Department of Transportation. The product was tested and proven to not sustain combustion via ASTM Method D4206-96.

UN Identification Number:	None
Proper Shipping Name:	Not Regulated
Hazard Class Number and Description:	None
Packing Group:	None
DOT Label(s) Required:	None
North American Emergency Response Guidebook Number:	N/A

### 14.2 Environmental Hazards:

Marine Pollutant:	The components of this product are not designated by the Department of Transportation to be Marine Pollutants (49 CFR 172.101, Appendix B).
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### 14.3 Special Precaution for User:

None

### 14.4 International Air Transport Association Shipping Information (IATA):

This product is not considered as dangerous goods.

### 14.5 International Maritime Organization Shipping Information (IMO):

This product is not considered as dangerous goods.

## SECTION 15 - REGULATORY INFORMATION INFORMATIONS RÉGLEMENTAIRES

### 15.1 Safety, Health and Environmental Regulations Specific for the Substance or Mixture:

#### United States Regulations:

##### U.S. SARA Reporting Requirements:

The components of this product are subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act.

2-Propanol CAS# 67-63-0

U.S. SARA 311/312:

Acute Health: Yes; Chronic Health: No; Fire: Yes; Reactivity: No

U.S. CERCLA Reportable Quantity:

None known

U.S. TSCA Inventory Status:

The components of this product are listed on the TSCA Inventory or are exempted from listing.

Other U.S. Federal Regulations:

None known

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65):

This product does not contain ingredients on the Proposition 65 Lists.

#### 15.2 Canadian Regulations:

Canadian DSL/NDSL Inventory Status:

Components are DSL Listed, NDSL Listed and/or are exempt from listing

Other Canadian Regulations:

Not applicable

Canadian Environmental Protection Act (CEPA) Priorities Substances Lists:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

Canadian WHMIS Classification and Symbols:

This product is classified per WHMIS Controlled Product Regulations.

#### 15.3 European Economic Community Information:

This product meets the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC, 2015/830/EU and subsequent Directives. See Section 2 for Details.

Chemical Safety Assessment:

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

#### 15.4 Australian Information for Product:

Components of this product are listed on the International Chemical Inventory list.

#### 15.5 Japanese Information for Product:

Japanese Minister of International Trade and Industry (MITI) Status: The components of this product are not listed as Class I specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.

#### 15.6 International Chemical Inventories:

Listing of the components on individual country Chemical Inventories is as follows:

Australian Inventory of Chemical Substances (AICS): Listed

Korean Existing Chemicals List (ECL): Listed

Japanese Existing National Inventory of Chemical Substances (ENCS): Listed

Philippines Inventory of Chemicals and Chemical Substances (PICCS): Listed

U.S. TSCA: Listed

### SECTION 16 - ADDITIONAL INFORMATION

Prepared By: Chris Eigbrett (MSDS to GHS Compliance)

Date of Printing: June 6, 2017

Updated by: Karen Norkaitis March 15, 2019

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of the need that information is current, applicable and suited to the circumstances of use. This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers. W.F.Young assumes no responsibility for injury to vendee or third party person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, W.F.Young assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

END OF SDS SHEET