1. PRODUCT IDENTIFICATION

Product Name: WEATHERBLOK XT

EPA Signal Word: Caution

Active Ingredient(%): Brodifacoum Technical (0.005%)

Chemical Name: 3-[3-(4’-bromo[1,1’-biphenyl]-4-yl)-1,2,3,4-tetrahydro-1-naphthalenyl]-4-hydroxy-2H-1-benzopyran-2-one

Chemical Class: A coumarin-type anticoagulant rodenticide

CAS No.: 56073-10-0

EPA Registration Number(s): 100-1055

Section(s) Revised: 2

2. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Material</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Other</th>
<th>NTP/IARC/OSHA Carcinogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paraffin Wax</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
<td>No</td>
</tr>
<tr>
<td>Cereal Ingredients</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
<td>No</td>
</tr>
<tr>
<td>Blue Pigment</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
<td>No</td>
</tr>
<tr>
<td>Brodifacoum Technical (0.005%)</td>
<td>Not Established</td>
<td>Not Established</td>
<td>0.002 mg/m³ TWA***</td>
<td>No</td>
</tr>
</tbody>
</table>

*** Syngenta Occupational Exposure Limit (OEL)

Ingredients not precisely identified are proprietary or non-hazardous. Values are not product specifications.

Syngenta Hazard Category: A

3. HAZARDS IDENTIFICATION

Symptoms of Acute Exposure
- Slightly irritating to the eyes. The active ingredient is designed to cause bleeding after repeated ingestion.

Hazardous Decomposition Products
- Can decompose at high temperatures forming toxic gases.

Physical Properties
- Appearance: Blue solid
- Odor: Slight cereal and wax odor

Unusual Fire, Explosion and Reactivity Hazards
- During a fire, irritating and possibly toxic gases may be generated by thermal decomposition or combustion.

4. FIRST AID MEASURES

Have the product container, label or Material Safety Data Sheet with you when calling Syngenta (800-888-8372), a poison control center or doctor, or going for treatment.

Ingestion: If swallowed: Call Syngenta (800-888-8372), a poison control center or doctor immediately for treatment advice. Have the person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so after calling 800-888-8372 or by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
Eye Contact: If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eye. Call Syngenta (800-888-8372), a poison control center or doctor for treatment advice.

Skin Contact: If on skin or clothing: Take off contaminated clothing. Wash skin with soap and water.

Inhalation: Not applicable.

Notes to Physician

Medical Condition Likely to be Aggravated by Exposure

As stated above this product contains anticoagulants with an effect similar to warfarin. The anticoagulant interferes with the synthesis of prothrombin. Significant exposure (e.g. ingestion) can cause anticoagulation effects and could aggravate existing blood clotting disorders.

5. FIRE FIGHTING MEASURES

Fire and Explosion
- Flash Point (Test Method): > 375°F (paraffin wax) Method: PMCC
- Flammable Limits (% in Air): Lower: % Not Applicable Upper: % Not Applicable
- Autoignition Temperature: Not Available
- Flammability: Not Flammable

Unusual Fire, Explosion and Reactivity Hazards

During a fire, irritating and possibly toxic gases may be generated by thermal decomposition or combustion.

In Case of Fire

Use dry chemical, foam or CO2 extinguishing media. Wear full protective clothing and self-contained breathing apparatus. Evacuate nonessential personnel from the area to prevent human exposure to fire, smoke, fumes or products of combustion. Prevent use of contaminated buildings, area, and equipment until decontaminated.

6. ACCIDENTAL RELEASE MEASURES

In Case of Spill or Leak

Control the spill at its source. Clean up spills immediately, observing precautions outlined in Section 8. Sweep up material and place in a compatible disposal container. Once all material is collected, seal container and arrange for disposition.

7. HANDLING AND STORAGE

Store the material in a well-ventilated, secure area out of reach of children and domestic animals. Do not store food, beverages or tobacco products in the storage area. Prevent eating, drinking, tobacco use, and cosmetic application in areas where there is a potential for exposure to the material. Wash thoroughly with soap and water after handling.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

THE FOLLOWING RECOMMENDATIONS FOR EXPOSURE CONTROLS/PERSONAL PROTECTION ARE INTENDED FOR THE MANUFACTURE, FORMULATION, PACKAGING AND USE OF THIS PRODUCT.

FOR COMMERCIAL APPLICATIONS AND/OR ON-FARM APPLICATIONS CONSULT THE PRODUCT LABEL.

Ingestion:

Prevent eating, drinking, tobacco usage and cosmetic application in areas where there is a potential for exposure to the material. Wash thoroughly with soap and water after handling.
Eye Contact:  Eye protection is not required for normal handling. Where eye contact is likely, wear tight-fitting chemical goggles.
Skin Contact:  Gloves are not required for normal handling. Where heavy contact is likely, wear chemical resistant (such as nitrile or butyl) gloves.
Inhalation:  Respiratory protection is not required for normal handling. In the event of an unusual dust exposure, use engineering controls or a NIOSH-certified particulate respirator (N, P, R or HE filter) to keep exposure below the Occupational Exposure Limit.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Blue solid</td>
</tr>
<tr>
<td>Odor</td>
<td>Slight cereal and wax odor</td>
</tr>
<tr>
<td>Melting Point</td>
<td>130°F (paraffin wax)</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Specific Gravity/Density</td>
<td>1.15 g/ml</td>
</tr>
<tr>
<td>pH</td>
<td>Not Available</td>
</tr>
<tr>
<td>Solubility in H2O</td>
<td>Brodifacoum Technical: Insoluble</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Brodifacoum Technical: 6 x 10(-6) mmHg @ 68°F (20°C)</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability</td>
<td>Stable under normal use and storage conditions.</td>
</tr>
<tr>
<td>Hazardous Polymerization</td>
<td>Will not occur.</td>
</tr>
<tr>
<td>Conditions to Avoid</td>
<td>None known.</td>
</tr>
<tr>
<td>Materials to Avoid</td>
<td>None known.</td>
</tr>
<tr>
<td>Hazardous Decomposition Products</td>
<td>Can decompose at high temperatures forming toxic gases.</td>
</tr>
</tbody>
</table>

11. TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Toxicity/Irritation Studies</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ingestion</td>
<td>Practically Non-Toxic</td>
</tr>
<tr>
<td>Oral (LD50 Rat)</td>
<td>&gt; 5,000 mg/kg body weight</td>
</tr>
<tr>
<td>Dermal</td>
<td>Not Available</td>
</tr>
<tr>
<td>Dermal (LD50 Rabbit)</td>
<td>See &quot;Other Toxicity Information&quot;, Sec. 11</td>
</tr>
<tr>
<td>Inhalation</td>
<td>Not Available</td>
</tr>
<tr>
<td>Inhalation (LC50 Rat)</td>
<td>See &quot;Other Toxicity Information&quot;, Sec. 11</td>
</tr>
<tr>
<td>Eye Contact</td>
<td>See &quot;Other Toxicity Information&quot;, Sec. 11</td>
</tr>
<tr>
<td>Skin Contact</td>
<td>See &quot;Other Toxicity Information&quot;, Sec. 11</td>
</tr>
<tr>
<td>Skin Sensitization</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

Reproductive/Developmental Effects

Brodifacoum Technical:  Not teratogenic, embryotoxic or fetotoxic in rats or rabbits at doses up to 0.02 mg/kg/day - the dose causing excessive maternal toxicity.  Non-genotoxic in a range of assays.

Chronic/Subchronic Toxicity Studies

Brodifacoum Technical:  The biological half-life for brodifacoum in body tissue in rats is > 100 days.  Adverse clinical effects can develop from body accumulation. Prolonged prothrombin time, depression, pallor, subcutaneous hemorrhage, bleeding of nose or gums, gastrointestinal hemorrhage, cerebral hemorrhage, shock and death can develop following exposures. No neurotox studies have been conducted.
Carcinogenicity
Brodifacoum Technical: Unlikely to be carcinogenic.

Other Toxicity Information
Systemically toxic concentrations of this product will probably not be absorbed through human skin. Because this product is a wax block, inhalation is not expected to be a normal route of exposure. No irritation is likely to develop following contact with human eyes. Irritation will probably not develop following contact with human skin.

Effects of overexposure are those of anticoagulant overdose, i.e., reduced blood clotting ability with spontaneous bleeding in various organs. Body accumulation can result from repeated exposures since the half-life of brodifacoum is > 100 days. Individuals with blood clotting disorders may be more susceptible to overexposure effects.

Toxicity of Other Components
- Blue Pigment: Not applicable
- Cereal Ingredients: Not applicable
- Paraffin Wax: Not applicable

Target Organs
Active Ingredients
Brodifacoum Technical: Blood

Eco-Chronic Toxicity

Summary of Effects
Brodifacoum Technical:
The risk of this formulation to most non-target organisms is low. However, if this product is misused or stored improperly, birds and non-target animals may be at higher risk.

Eco-Acute Toxicity
Brodifacoum Technical:
Fish (Trout) 96-hr LC50 0.04 ppm
Invertebrates (Daphnia) 48-hr EC50 0.06 ppm
Birds (8-day dietary - Bobwhite Quail) 40-day LC50 0.8 ppm
Birds (8-day dietary - Mallard Duck) 40-day LC50 2.7 ppm

Formulation (predicted):
Fish (Trout) 96-hr LC50 800 ppm
Invertebrates (Daphnia) 48-hr EC50 1,200 ppm
Birds (8-day dietary - Bobwhite Quail) LC50 16,000 ppm
Birds (8-day dietary - Mallard Duck) LC50 54,000 ppm

Eco-Chronic Toxicity
Brodifacoum Technical: No applicable studies available.
Environmental Fate
Brodifacoum Technical:
The information presented here is for the active ingredient, brodifacoum.

13. DISPOSAL CONSIDERATIONS

Disposal
Do not reuse empty container except for holding additional product.

Characteristic Waste: Not Applicable
Listed Waste: Not Applicable

14. TRANSPORT INFORMATION

DOT Classification
Ground Transport - NAFTA
Not regulated.

B/L Freight Classification
Exterminator, Vermin, O/T Poison

Comments
International Transportation
Environmentally Hazardous Substance, Solid, N.O.S. (brodifacoum), Class 9, UN3077, PGIII
5 kg and smaller package sizes - Limited Quantity

15. REGULATORY INFORMATION

EPCRA SARA Title III Classification
Section 311/312 Hazard Classes: Acute Health Hazard
Section 313 Toxic Chemicals: Not Applicable

California Proposition 65
Not Applicable

CERCLA/SARA 302 Reportable Quantity (RQ)
None

RCRA Hazardous Waste Classification (40 CFR 261)
Not Applicable

TSCA Status
Exempt from TSCA, subject to FIFRA

16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA Hazard Ratings</th>
<th>HMIS Hazard Ratings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health: 1</td>
<td>Health: 1</td>
</tr>
<tr>
<td>Flammability: 1</td>
<td>Flammability: 1</td>
</tr>
<tr>
<td>Instability: 0</td>
<td>Reactivity: 0</td>
</tr>
</tbody>
</table>

For non-emergency questions about this product call:
1-800-334-9481

Original Issued Date: 09/20/2000
Revision Date: 04/10/2006
Replaces: 06/24/2005
The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein.

RSVP# : Not Applicable

End of MSDS