1. PRODUCT IDENTIFICATION

1.1. Product Identifiers
Product name: InVict™ Xpress™ Granular Bait

1.2. Other Means of Identification
Product synonyms: InVict™ Blitz™ Ant Granules

1.3. Recommended Uses/Restrictions to Use
Uses: 0.5% imidacloprid granular bait for control of various pest species per label
Restrictions: See product label for details

1.4. Supplier Details
Company: Rockwell Labs Ltd
1257 Bedford Avenue
North Kansas City, MO 64116-4308
USA
Telephone: 1 816-283-3167

1.5. Emergency Contact
Outside normal business hours
Emergency Phone #: 1 800-424-9300 (USA & Canada)
1 703-527-3887 (Outside USA & Canada)

2. HAZARDS IDENTIFICATION

2.1. Classification of Substance or Mixture
none

2.2. GHS label elements, including precautionary statements
Pictogram(s): none

Signal word: none

Hazard statement(s): none

Precautionary statement(s): none

2.3. Other hazards which do not result in classification
Imidacloprid is a neurotoxin that when consumed in sufficient quantities can have adverse effects up to and including death. This product contains a low
concentration of imidacloprid and normal use should not result in significant occupational hazard.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable

3.2. Mixtures

Hazardous component(s) or components of note:

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>Contains (% w/w)</th>
<th>CAS-No.</th>
<th>Hazard Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Imidacloprid</td>
<td>0.5</td>
<td>138261-41-3</td>
<td>none</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

4.1. Description of first aid measures

General advice
Consult a physician or poison control center. Provide this safety data sheet to medical personnel. Move out of hazardous areas.

If inhaled
Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible. Call a poison control center or doctor for further treatment advice.

In case of skin contact
Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

In case of eye contact
Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If swallowed
Call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

4.2. Most important symptoms and effects, both acute and delayed

Imidacloprid may cause drowsiness, dizziness, vomiting, disorientation, and fever with ingestion of more than an incidental amount.

4.3. Indication of any immediate medical attention and special treatment needed, if necessary

See section 4.2.

5. FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2. Specific hazards arising from the chemical
5.3. **Special protective equipment and precautions for fire fighters**
Wear self contained breathing apparatus for firefighting if deemed necessary.
Additional information: none.

5.4. **Further information**
No data available

6. **ACCIDENTAL RELEASE MEASURES**
6.1. **Personal precautions, protective equipment and emergency procedures**
Avoid contact with spilled product and contaminated surfaces. Evacuate personnel to safe areas during emergencies. For safe handling instructions see section 7. For proper PPE see section 8.

6.2. **Environmental precautions**
Prevent further leakage or spillage if safe to do so. Do not allow release directly to water, to areas where surface water is present or to intertidal areas below the mean high-water mark.

6.3. **Methods and materials for containment and cleaning up**
Sweep up any spilled material and dispose of according to instructions in section 13. Wash contaminated surfaces with soap and water.

7. **HANDLING AND STORAGE**
7.1. **Precautions for safe handling**
Handle in accordance with good industrial hygiene practices. Wash hands thoroughly with soap and water after use and before eating, drinking, chewing gum, using tobacco, or using the toilet. For additional precautions see section 2.2

7.2. **Conditions for safe storage, including any incompatibilities**
Store in a dry place. Store in original container. Do not store where children or animals may gain access.

8. **EXPOSURE CONTROLS/PERSONAL PROTECTION**
8.1. **Control parameters**
Components with workplace parameters

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No.</th>
<th>Value</th>
<th>Control parameters</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>none</td>
<td>-----</td>
<td>-----</td>
<td>-----</td>
<td>-----</td>
</tr>
</tbody>
</table>

8.2. **Appropriate engineering controls**
Ensure relevant engineering controls are employed to prevent exceeding threshold values for the listed control parameters in section 8.1.

8.3. **Individual protection measures, such as personal protective equipment**
In normal use and handling conditions refer to the product label for required PPE. In all other cases the following recommendations would apply.

**Eye/face protection**
Safety glasses or other similar eye protection conforming to ANSI Z87.1 standards recommended when handling product.

**Skin protection**
Chemical resistant nitrile rubber or similarly compatible gloves recommended when handling product. Dispose of contaminated gloves after use in accordance with applicable local and state regulations. Wash exposed skin with soap and water immediately. Wash all contaminated clothing prior to reuse.

**Respiratory protection**
Not required under normal use conditions. Particulate respirator recommended when risk assessment show need for air-purifying respirators.

**Thermal hazards**
None known

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance;</td>
<td>Opaque, yellow beige granule</td>
</tr>
<tr>
<td>Odor;</td>
<td>Oily/fishy</td>
</tr>
<tr>
<td>Odor threshold;</td>
<td>No data available</td>
</tr>
<tr>
<td>pH;</td>
<td>7.63 @ 1% in water (23.4 °C)</td>
</tr>
<tr>
<td>Melting point/freezing point;</td>
<td>No data available</td>
</tr>
<tr>
<td>Initial boiling point and boiling range;</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point;</td>
<td>No data available</td>
</tr>
<tr>
<td>Evaporation rate;</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas);</td>
<td>No data available</td>
</tr>
<tr>
<td>Upper/lower flammability or explosive limits;</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor pressure;</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor density;</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density;</td>
<td>0.4085 g/ml</td>
</tr>
<tr>
<td>Solubility;</td>
<td>Partially soluble in water</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water;</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature;</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition temperature;</td>
<td>No data available</td>
</tr>
</tbody>
</table>
9.2. Additional Information
No data available

10. STABILITY AND REACTIVITY
10.1. Reactivity
No data available
10.2. Chemical stability
Stable under recommended storage conditions.
10.3. Possibility of hazardous reactions
No data available
10.4. Conditions to avoid
Exposure to excessive heat.
10.5. Incompatible materials
Strong oxidizing agents. Strong reducing agents.
10.6. Hazardous decomposition products
Other decomposition products – no data available
In the event of a fire: see Section 5

11. TOXICOLOGICAL INFORMATION
11.1. Information on toxicological effects
Acute Toxicity
LD50 Oral – Rat – > 5000 mg/kg
LD50 Dermal – Rat – > 5000 mg/kg
LD50 Inhalation – no data available
Skin corrosion/irritation
Skin – Rabbit
Results: not irritating to skin
(OECD Test Guideline 404)
Serious eye damage/irritation
Eye – Rabbit
Results: minimal eye irritation
(OECD Test Guideline 405)
Respiratory or skin sensitization
Not a known sensitiser
Germ cell mutagenicity
Not a known mutagen
Carcinogenicity
IARC: No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH: No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by ACGIH.

NTP: No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by NTP.

OSHA: No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by OSHA.

**Reproductive toxicity**

No data available

**Specific target organ toxicity – single exposure**

Imidacloprid is a neurotoxin that when consumed in sufficient quantities can have adverse effects up to and including death. This product contains a low concentration of imidacloprid and normal use should not result in significant occupational hazard.

**Specific target organ toxicity – repeated exposure**

No data available

**Aspiration hazard**

No data available

11.2. **Other information**

No data available

### 12. ECOLOGICAL INFORMATION

12.1. **Toxicity**

- Toxicity to fish: no data available
- Toxicity to daphnia: no data available
- and other aquatic invertebrates

12.2. **Persistence and degradability**

No data available

12.3. **Bioaccumulative potential**

No data available

12.4. **Mobility in soil**

No data available

12.5. **Other adverse effects**

No data available

### 13. DISPOSAL CONSIDERATIONS

13.1. **Disposal Methods.**

The best disposal method is to use the entire product per label directions. If it is necessary to dispose of unused material then follow the label instructions and relevant local, state and federal waste disposal guidelines.

**Product Disposal:**

Do not contaminate water, food or feed by storage or disposal.
14. TRANSPORT INFORMATION

DOT
Not dangerous goods

IMDG
Not dangerous goods

IATA
Not dangerous goods

15. REGULATORY INFORMATION

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

KEEP OUT OF THE REACH OF CHILDREN
CAUTION
Causes moderate eye irritation.
Avoid contact with eyes or clothing.
Wash hands thoroughly with soap and water after use and before eating, drinking, chewing gum, using tobacco, or using the toilet.
This pesticide is highly toxic to birds and aquatic invertebrates.
Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.
To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters.

SARA 302 Components
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards
Acute Health Hazard (Imidacloprid)

California Proposition 65 Components
This product does not contain any chemicals known to the state of California to cause cancer, birth defects, or reproductive harm.
16. OTHER INFORMATION

Acronyms and abbreviations used

LD50  Lethal Dose, 50%
OECD  Organization for Economic Cooperation and Development
IARC  International Agency for Research on Cancer
ACGIH  American Conference of Industrial Hygienists
NTP  National Toxicology Program
OSHA  Occupational Safety and Health Administration
DOT  Department of Transportation
IMDG  International Maritime Dangerous Goods
IATA  International Air Transport Association
SARA  Superfund Amendments and Reauthorization Act
TSCA  Toxic Substances Control Act
CAS-No.  Chemical Abstract Services - Number
PPE  Personal Protective Equipment
HMIS  Hazardous Materials Identification System
NFPA  National Fire Protection Association
PPM  Parts Per Million

Hazard Rating System Crossover

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

Preparation information

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Version:  1.0
Revision Date:  May 15, 2015
Reason for revision:  none

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