1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier
Product Name: VENDETTA® Plus Cockroach Gel Bait
EPA Registration Number: 1021-2593

Other means of identification
Part Code: 2976

Recommended use of the chemical and restrictions on use:
Recommended Use: Insecticide.

Details of the supplier of the safety data sheet

Manufacturer Address: McLaughlin Gormley King Company
8810 10th Avenue North
Minneapolis, MN 55427
Telephone Number: (800) 645-6466, or (763) 544-0341
Fax #: (763) 544-6437
E-Mail Address: mgk-sds@mgk.com

Emergency telephone numbers:
24 Hour TRANSPORTATION Emergency: CHEMTREC®: (800) 424-9300
International: (703) 527-3887
24 Hour MEDICAL Emergency: SafetyCall®: (888) 740-8712, or (952) 852-9509

Comments: MGK® Hours of operation are 8:00 a.m. to 4:30 p.m. CST, 14:00 to 22:30 GMT. For MEDICAL EMERGENCIES or PESTICIDE INCIDENTS, call 24 hours a day to (888) 740-8712, or (952) 852-9509.

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status:
This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Skin sensitization Category 1

Label elements

WARNING

Hazard statements
- H317 - May cause an allergic skin reaction
- H400 - Very toxic to aquatic life
- H410 - Very toxic to aquatic life with long lasting effects
Precautionary Statements - Prevention:
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
P272 - Contaminated work clothing should not be allowed out of the workplace
P280 - Wear protective gloves

Precautionary Statements - Response:
P321 - Specific treatment (see Section 4/ First Aid).
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention
P363 - Wash contaminated clothing before reuse

Precautionary Statements - Storage:
P404 - Store in a closed container

Precautionary Statements - Disposal:
P501 - Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC):
Do not use this product in or on electrical equipment due to the possibility of shock hazard.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abamectin</td>
<td>71751-41-2</td>
<td>0.050</td>
</tr>
<tr>
<td>NYLAR® (Pyriproxyfen)</td>
<td>95737-68-1</td>
<td>0.50</td>
</tr>
<tr>
<td>Starch</td>
<td>9005-25-8</td>
<td>1&lt;---10 *</td>
</tr>
<tr>
<td>Sucrose</td>
<td>57-50-1</td>
<td>1&lt;---10 *</td>
</tr>
</tbody>
</table>

*The exact percentage (concentration) of composition has been withheld as a trade secret.

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

4. FIRST AID MEASURES

Aspiration pneumonia hazard:  • No information available

Description of first aid measures:

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.
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.

Ingestion: If swallowed, IMMEDIATELY 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 a doctor. Never give anything by mouth to an unconscious person.

Inhalation: Remove affected 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.

Note to physicians: For skin effects, a highly efficient therapeutic agent for Pyrethrin/Pyrethroid exposure is topical application of tocopherol acetate (Vitamin E).

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media:
Caution: Use of water spray when fighting fire may be inefficient.

Hazardous combustion products: Carbon monoxide, Carbon dioxide (CO2).

Specific hazards arising from the chemical
No information available.

Explosion data
Sensitivity to Mechanical Impact: None.
Sensitivity to Static Discharge: None.

Protective equipment and precautions for firefighters:
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA Health hazards 2 Flammability 1 Instability 0 Physical and Chemical Properties
HMIS Health hazards 2 Flammability 1 Physical hazards 0 Personal protection

Chronic Hazard Star Legend * = Chronic Health Hazard

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions: Use personal protective equipment as required.

Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not allow into any sewer, on the ground or into any body of water. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained. See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for containment: Prevent further leakage or spillage if safe to do so.
Methods for cleaning up: Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling: Use personal protective equipment as required. Ensure adequate ventilation, especially in confined areas. For more information, see product label.

Conditions for safe storage, including any incompatibilities

Storage Conditions: Keep container tightly closed in a dry and well-ventilated place. For more information, see product label.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Control parameters

Exposure Guidelines: This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
<th>Supplier OEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Starch 9005-25-8</td>
<td>TWA: 10 mg/m³</td>
<td>TWA: 15 mg/m³ total dust TWA: 5 mg/m³ respirable fraction (vacated) TWA: 15 mg/m³ total dust (vacated) TWA: 5 mg/m³ respirable fraction</td>
<td>TWA: 10 mg/m³ total dust TWA: 5 mg/m³ respirable dust</td>
<td>-</td>
</tr>
<tr>
<td>Sucrose 57-50-1</td>
<td>TWA: 10 mg/m³</td>
<td>TWA: 15 mg/m³ total dust TWA: 5 mg/m³ respirable fraction (vacated) TWA: 15 mg/m³ total dust (vacated) TWA: 5 mg/m³ respirable fraction</td>
<td>TWA: 10 mg/m³ total dust TWA: 5 mg/m³ respirable dust</td>
<td>-</td>
</tr>
</tbody>
</table>

NIOSH IDLH Immediately Dangerous to Life or Health

Other Information: Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate engineering controls

Engineering Controls: Safety showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/face protection: Protective eyewear is recommended, but is not required.

Skin and body protection: Wear protective gloves and protective clothing.

Respiratory protection: If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Information on basic physical and chemical properties:

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Comment: Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state:</td>
<td>Paste/Gel Liquid</td>
<td></td>
</tr>
<tr>
<td>Appearance:</td>
<td>brown</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Odor of dog food.</td>
<td></td>
</tr>
<tr>
<td>Odor threshold:</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Color (Gardner Scale):</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>5.1</td>
<td>@ 5% in H₂O.</td>
</tr>
<tr>
<td>Melting point / freezing point:</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Boiling point / boiling range:</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flash point:</td>
<td>&gt; 93.3 °C / &gt; 200.0 °F</td>
<td>Tag Closed Cup;</td>
</tr>
<tr>
<td>Evaporation rate:</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas):</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Upper flammability limit (UEL):</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Lower flammability limit (LEL):</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure:</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor density:</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Specific Gravity:</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Water solubility:</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Partition coefficient; n-Octanol/</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Water:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Autoignition temperature:</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature:</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Kinematic viscosity:</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Dynamic viscosity:</td>
<td>3,450 cPs.</td>
<td>@ 54.8 °C.</td>
</tr>
<tr>
<td>Refractive Index:</td>
<td>No information available</td>
<td></td>
</tr>
</tbody>
</table>

#### Other Information:

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density:</td>
<td>1.36 g/cm³ @ 20.0 °C</td>
</tr>
<tr>
<td>VOC Content (%):</td>
<td>0</td>
</tr>
<tr>
<td>Miscibility/ Solubility:</td>
<td></td>
</tr>
<tr>
<td>Water:</td>
<td>Partially miscible</td>
</tr>
<tr>
<td>Alcohol:</td>
<td>Partially miscible</td>
</tr>
<tr>
<td>Aromatic solvents:</td>
<td>Immiscible</td>
</tr>
<tr>
<td>Petroleum distillates:</td>
<td>Immiscible</td>
</tr>
<tr>
<td>Boiling point / boiling range:</td>
<td>No information available</td>
</tr>
<tr>
<td>Flash point:</td>
<td>No information available</td>
</tr>
<tr>
<td>Evaporation rate:</td>
<td>No information available</td>
</tr>
<tr>
<td>Flammability (solid, gas):</td>
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<td>No information available</td>
</tr>
<tr>
<td>Water solubility:</td>
<td>No information available</td>
</tr>
<tr>
<td>Partition coefficient; n-Octanol/</td>
<td>No information available</td>
</tr>
<tr>
<td>Water:</td>
<td></td>
</tr>
<tr>
<td>Autoignition temperature:</td>
<td>No information available</td>
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</tr>
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<td>3,450 cPs.</td>
</tr>
<tr>
<td>Refractive Index:</td>
<td>No information available</td>
</tr>
</tbody>
</table>

### 10. STABILITY AND REACTIVITY

#### Reactivity

No data available

#### Chemical stability

Stable under recommended storage conditions.

#### Possibility of Hazardous Reactions

None under normal processing.
Hazardous polymerization: Hazardous polymerization does not occur.

Conditions to avoid
Extremes of temperature and direct sunlight.

Incompatible materials:
Incompatible with strong acids and bases. Incompatible with oxidizing agents.

Hazardous Decomposition Products
Carbon monoxide, Carbon dioxide (CO2).

11. TOXICOLOGICAL INFORMATION

Numerical measures of toxicity - Product Information

<table>
<thead>
<tr>
<th></th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral LD₅₀</td>
<td>&gt;5,000 mg/kg (rat)</td>
</tr>
<tr>
<td>Dermal LD₅₀</td>
<td>&gt;5,000 mg/kg (rabbit)</td>
</tr>
<tr>
<td>Inhalation LC₅₀</td>
<td>No information available.</td>
</tr>
<tr>
<td>Eye contact:</td>
<td>Irritation clearing in 24 hours. (rabbit).</td>
</tr>
<tr>
<td>Skin Contact:</td>
<td>Non-irritating to the skin. (rabbit).</td>
</tr>
<tr>
<td>Skin Irritation Index:</td>
<td>0.1</td>
</tr>
</tbody>
</table>

Sensitization: Positive. (guinea pig).

Comment: Toxicology data was bridged from a similar formula.

Carcinogenicity
This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Reproductive toxicity: No information available.
Developmental Toxicity: No information available.
Teratogenicity: No information available.
STOT - single exposure: No information available.
STOT - repeated exposure: No information available.
Target Organ Effects: Eyes, Respiratory system, Skin.

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Persistence and degradability
No information available.

Bioaccumulation
No information available.

Other adverse effects: No information available

Environmental hazards (EPA):
Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.
13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes: Disposal should be in accordance with applicable regional, national and local laws and regulations. For more information, see product label.

Contaminated packaging: For more information, see product label.

14. TRANSPORT INFORMATION

DOT (Department of Transportation)

Proper Shipping Name: Insecticides, Insect or Animal Repellent, Solid
Hazard Class: This material is not hazardous.

Air (IATA/ ICAO)

Proper Shipping Name: Insecticides, Insect or Animal Repellent, Solid
Hazard Class: This material is not hazardous.

Vessel (IMO/ IMDG)

Proper Shipping Name: Insecticides, Insect or Animal Repellent, Solid
Hazard Class: This material is not hazardous.

15. REGULATORY INFORMATION

US Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

- Acute health hazard: No
- Chronic Health Hazard: No
- Fire hazard: No
- Sudden release of pressure hazard: No
- Reactive Hazard: No

CWA (Clean Water Act)
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material
US State Regulations:

California Proposition 65:
This product does not contain any Proposition 65 chemicals

U.S. EPA Label Information:

EPA Registration Number: 1021-2593

Difference between SDS and EPA (FIFRA) Pesticide label:
This chemical is a pesticide product registered by the United States 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 (SDS), and for workplace labels of non-pesticide chemicals. The pesticide label also includes other important information, including directions for use. The hazard information required on the pesticide label is reproduced below:

Signal word: CAUTION

Precautionary Statements:
• Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

International:

TSCA Does not comply
DSL/NDSL Does not comply
EINECS/ELINCS Does not comply
ENCS Does not comply
IECSC Does not comply
KECL Does not comply
PICCS Does not comply
AICS Does not comply

Legend:
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION.

Issue Date: 18-Aug-2016
Revision Date: 18-Aug-2016
Revision Note:
- SDS sections updated
  - 2
  - 3
  - 8
  - 14

SDS Prepared By: Troy Azzivitto, MGK® Chemistry Department.
e-Mail Address: mgk-sds@mgk.com
Disclaimer: The data contained herein are based on information currently available to McLaughlin Gormley King Company and, to the best of our knowledge, are accurate and based on sound expert opinion. Our statements herein, however, are not to be taken as a warranty or representation for which McLaughlin Gormley King Company assumes legal responsibility.

End of Safety Data Sheet.