POWER SHOT UNI PRO BORIC INSECTICIDE DUST

Safety Data Sheet

according to the Hazardous Products Regulations (HPR) WHMIS 2015

Date of issue: 05/20/2015 Revision date: 05/20/2015 Version: 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name : POWER SHOT UNI PRO BORIC INSECTICIDE DUST

Product code : Not available

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Insecticide

1.3. Details of the supplier of the safety data sheet

DCG Vision Marketing and Sales International Ltd.
222 Worthington Street W
North Bay, ON P1B 3B4 - Canada
T 1-855-639-2850

1.4. Emergency telephone number

Emergency number : CANUTEC: 613-996-6666 (24 Hour); Poison Control Center: 800-268-9017

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-CA classification

Repr. 1B H360

Full text of H-phrases: see section 16

2.2. Label elements

GHS-CA labelling

Hazard pictograms (GHS-CA) :

GHS08

Signal word (GHS-CA) : Danger

Hazard statements (GHS-CA) : H360 - May damage fertility or the unborn child.

Precautionary statements (GHS-CA) : P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P280 - Wear protective gloves, protective clothing, eye protection and face protection.
P308+P313 - IF exposed or concerned: Get medical attention
P405 - Store locked up.
P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.

2.3. Other hazards

No additional information available.

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable.

3.2. Mixture

Name	Product identifier	%	GHS-CA classification
Boric acid (H3BO3)	(CAS No) 10043-35-3	>99	Repr. 1B, H360

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

First-aid measures after skin contact : If irritation occurs, flush skin with plenty of water. Get medical attention if irritation persists.

First-aid measures after eye contact : In case of contact, immediately flush eyes with plenty of water. Remove contact lenses, if worn. If irritation persists, get medical attention.

First-aid measures after ingestion : If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

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

Symptoms/injuries after inhalation : May cause respiratory tract irritation.

Symptoms/injuries after skin contact : Not expected to be a primary skin irritant. Prolonged and/or repeated skin contact with this product may cause irritation.

Symptoms/injuries after eye contact : May cause slight irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

Symptoms/injuries after ingestion : May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

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

Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Treat for surrounding material.

Unsuitable extinguishing media : None known.

5.2. Special hazards arising from the substance or mixture

Fire hazard : None. The product is not flammable.

5.3. Advice for firefighters

Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Use personal protection recommended in Section 8. Keep unnecessary personnel away from the release.

6.2. Environmental precautions

No additional information available.

6.3. Methods and material for containment and cleaning up

For containment : Contain spill, then place in a suitable container. Minimize dust generation. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for cleaning up : Vacuum or sweep material and place in a disposal container. Provide ventilation.

6.4. Reference to other sections

See section 8 for further information on protective clothing and equipment and section 13 for advice on waste disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin and eyes. Do not swallow. Avoid generating dust. Good housekeeping is important to prevent accumulation of dust. Handle and open container with care. When using do not eat, drink or smoke.

Hygiene measures : Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep out of the reach of children. Keep container tightly closed and dry.

7.3. Specific end use(s)

Not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Boric acid (H3BO3) (10043-35-3)		
ACGIH	ACGIH TWA (mg/m³)	2 mg/m³ (inhalable fraction)
ACGIH	ACGIH STEL (mg/m³)	6 mg/m³ (inhalable fraction)

8.2. Exposure controls

Appropriate engineering controls : Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

Personal protective equipment : Avoid all unnecessary exposure.

Hand protection : None necessary under normal conditions of use. Wear gloves if handling large quantities.

Eye protection : Safety glasses or goggles are recommended for nuisance dust.

Skin and body protection : Wear suitable protective clothing.

Respiratory protection	:	A NIOSH approved respirator is recommended in poorly ventilated areas or when permissible exposure limits may be exceeded.
Environmental exposure controls	:	Maintain levels below Community environmental protection thresholds.
Other information	:	Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Solid
Appearance	:	Crystalline solid
Molecular mass	:	61.84
Colour	:	White
Odour	:	Odourless
Odour threshold	:	No data available
pH	:	6.1 (0.1% solution); 5.1 (1.0% solution); 3.7 (4.7% solution)
Relative evaporation rate (butylacetate=1)	:	No data available
Melting point	:	170.9 °C
Freezing point	:	No data available
Boiling point	:	No data available
Flash point	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Flammability (solid, gas)	:	Not flammable
Vapour pressure	:	No data available
Vapour pressure at 20 °C	:	Negligible
Relative vapour density at 20 °C	:	No data available
Relative density	:	1.51
Solubility	:	Water: 4.7% @ 20 °C; 27.5% @ 100 °C
Partition coefficient: n-octanol/water	:	No data available
Log Kow	:	No data available
Viscosity, kinematic	:	No data available
Viscosity, dynamic	:	No data available
Explosive properties	:	No data available
Oxidising properties	:	No data available
Explosive limits	:	No data available

9.2. Other information

No additional information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reaction known under conditions of normal use.

10.2. Chemical stability

Boric acid is a stable product, but when heated it loses water, first forming metaboric acid (HBO2), and on further heating it is converted into boric oxide (B2O3).

10.3. Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid

Heat. Incompatible materials.

10.5. Incompatible materials

Strong reducing agents.

10.6. Hazardous decomposition products

None known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	:	Not classified.

POWER SHOT UNI PRO BORIC INSECTICIDE DUST	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat	No data available

Boric acid (H3BO3) (10043-35-3)	
LD50 oral rat	2660 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

Skin corrosion/irritation : Based on available data, the classification criteria are not met.

Serious eye damage/irritation : Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation : Based on available data, the classification criteria are not met.

Germ cell mutagenicity : Based on available data, the classification criteria are not met.

Carcinogenicity : Based on available data, the classification criteria are not met.

Reproductive toxicity : May damage fertility or the unborn child.

Specific target organ toxicity (single exposure) : Based on available data, the classification criteria are not met.

Specific target organ toxicity (repeated exposure) : Based on available data, the classification criteria are not met.

Aspiration hazard : Based on available data, the classification criteria are not met.

Symptoms/injuries after inhalation : May cause respiratory tract irritation.

Symptoms/injuries after skin contact : Not expected to be a primary skin irritant. Prolonged and/or repeated skin contact with this product may cause irritation.

Symptoms/injuries after eye contact : May cause slight irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

Symptoms/injuries after ingestion : May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : May cause long-term adverse effects in the aquatic environment.

12.2. Persistence and degradability

POWER SHOT UNI PRO BORIC INSECTICIDE DUST	
Persistence and degradability	Not established.

12.3. Bioaccumulative potential

POWER SHOT UNI PRO BORIC INSECTICIDE DUST	
Bioaccumulative potential	Not established.

12.4. Mobility in soil

No additional information available.

12.5. Other adverse effects

No additional information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : This material must be disposed of in accordance with all local, state, provincial, and federal regulations.

SECTION 14: Transport information

Transport of Dangerous Goods (TDG)

In accordance with TDG

Not regulated for transport.

SECTION 15: Regulatory information

Boric acid (H3BO3) (10043-35-3)
Listed on the Canadian DSL (Domestic Sustances List)

SECTION 16: Other information

Date of issue : 05/20/2015

Other information : None.

Full text of H-phrases:

Repr. 1B	Reproductive toxicity, Category 1B
H360	May damage fertility or the unborn child

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