1. Identification of the Substance/Preparation and of the Company/Undertaking

Product identifier
Product Description: Python B Herbicide

Other means of identification
Item#: ADAMA
Registration number(s): PCPA 33282

Recommended use of the chemical and restrictions on use
Recommended use: Herbicide.
Uses advised against: Activities contrary to label recommendation

Details of the Supplier of the Safety Data Sheet
Supplier Address
ADAMA Agricultural Solutions Canada Ltd.
300 – 191 Lombard Avenue
Winnipeg, Manitoba R3B 0X1
1-855-264-6262

Emergency telephone number
Emergency telephone number (24 hr)
For fire, spill and/or leak contact INFOTRAC: 1-800-535-5053 (North America) 1-352-323-3500 (International)
For medical emergencies and health/safety inquiries, contact ProPharma Group: 1-877-250-9291

2. Hazards Identification

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

<table>
<thead>
<tr>
<th>Acute toxicity - Oral</th>
<th>Category 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin sensitization</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

Label elements

EMERGENCY OVERVIEW

WARNING

Hazard Statements
HARMFUL IF SWALLOWED
May cause an allergic skin reaction

Appearance Yellow
Physical state Liquid
Odor characteristic
Precautionary Statements - Prevention
Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Do not get in eyes, on skin, or on clothing
Contaminated work clothing should not be allowed out of the workplace
Wear protective gloves

Precautionary Statements - Response
IF exposed
IF ON SKIN: Wash with plenty of soap and water
If skin irritation or rash occurs: Get medical advice/attention
Wash contaminated clothing before reuse
IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
Rinse mouth

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

Hazards Not Otherwise Classified (HNOC)
OTHER INFORMATION
• Harmful to aquatic life with long lasting effects

### 3. Composition/information on Ingredients

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No</th>
<th>Weight %</th>
<th>Trade secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bentazone-Sodium</td>
<td>50723-80-3</td>
<td>480 G/L</td>
<td></td>
</tr>
</tbody>
</table>

If CAS number is "proprietary", the specific chemical identity and percentage of composition has been withheld as a trade secret.

### 4. First aid measures

**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 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**Skin contact**
Wash off immediately with plenty of water for at least 15 minutes. Call a poison control center or doctor for treatment advice.

**Inhalation**
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 physician or poison control center immediately.

**Ingestion**
Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.

**Protection of First-aiders**
Use personal protective equipment.

**Most Important Symptoms and Effects, Both Acute and Delayed**

**Most Important Symptoms and Effects**
No information available.

**Indication of Any Immediate Medical Attention and Special Treatment Needed**

**Notes to physician**
Treat symptomatically.

### 5. Fire-fighting measures
Suitable extinguishing media
Carbon dioxide (CO2).
Use: Dry chemical. Water spray. Alcohol-resistant foam.

Unsuitable extinguishing media
No information available.

Specific hazards arising from the chemical
No information available.

Hazardous combustion products
Carbon monoxide, Carbon dioxide (CO2). Hydrocarbons, Oxides of nitrogen, Sulfur oxides.

Explosion data

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

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions
Avoid contact with skin and eyes. Wear protective gloves/protective clothing and eye/face protection.

Environmental Precautions

Environmental precautions
Consult a regulatory specialist to determine appropriate state or local reporting requirements, for assistance in waste characterization and/or hazardous waste disposal and other requirements listed in pertinent environmental permits.

Methods and material for containment and cleaning up

Methods for Clean-Up
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal.

7. Handling and Storage

Precautions for safe handling

Handling
Wear personal protective equipment. Use only in area provided with appropriate exhaust ventilation. Do not breathe vapours or spray mist. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage
Keep containers tightly closed in a cool, well-ventilated place.

incompatible materials
Strong oxidizing agents.

8. Exposure Controls/Personal Protection

Exposure guidelines
This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Engineering controls
Investigate engineering techniques to reduce exposures. Local mechanical exhaust ventilation is preferred. Consult ACGIH ventilation manual or NFPA Standard 91 for design of exhaust systems.

Personal protective equipment
Eye/Face Protection
Use eye protection to avoid eye contact. Where there is potential for eye contact have eye flushing equipment available. Safety glasses with side-shields. If splashes are likely to occur, wear.: Goggles.
Skin protection

Respiratory protection
In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

General hygiene considerations
When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use. Wear suitable gloves and eye/face protection. Wash hands before breaks and immediately after handling the product.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>VALUES</th>
<th>Remarks/ Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Yellow</td>
<td>Odor characteristic</td>
</tr>
<tr>
<td>color</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>6.95</td>
<td></td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Boiling Point/Range</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt;100 C</td>
<td></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>Flammability limit in air</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Upper Flammability Limit</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Lower Flammability Limit</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>1.1906 g/cm³</td>
<td></td>
</tr>
<tr>
<td>Water solubility</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Solubility in Other Solvents</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No information available</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>Viscosity, kinematic</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Dynamic viscosity</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No information available</td>
<td></td>
</tr>
</tbody>
</table>

OTHER INFORMATION

<table>
<thead>
<tr>
<th>Property</th>
<th>VALUES</th>
<th>Remarks/ Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Softening point</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>molecular weight</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>VOC Content</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>density</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Bulk density</td>
<td>No information available</td>
<td></td>
</tr>
</tbody>
</table>

10. Stability and Reactivity

Reactivity
no data available

Chemical stability
Stable under normal conditions. Hazardous polymerisation does not occur.

Possibility of hazardous reactions
None under normal processing.

Hazardous polymerization Hazardous polymerisation does not occur.

Conditions to avoid
Not known. Heat, flames and sparks. Take precautionary measures against static charges.

**incompatible materials**
Strong oxidizing agents.

**Hazardous decomposition products**
Carbon oxides.

### 11. Toxicological Information

**Information on Likely Routes of Exposure**

<table>
<thead>
<tr>
<th>Product Information</th>
<th>Broadloom:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute oral (rat) LD50 = 4545 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Acute dermal (rabbit/rat) LD50 = &gt;2,000 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Acute inhalation (rat) LC50 = &gt;5.257 mg/L</td>
<td></td>
</tr>
<tr>
<td>Primary eye irritation (rabbit) = Mildly irritating</td>
<td></td>
</tr>
<tr>
<td>Primary dermal irritation (rabbit) = Not irritating</td>
<td></td>
</tr>
<tr>
<td>Dermal sensitization = Not a sensitizer</td>
<td></td>
</tr>
</tbody>
</table>

**Inhalation**
May cause irritation of respiratory tract.

**Eye contact**
Mild eye irritant.

**Skin contact**
Substance may cause slight skin irritation.

**Ingestion**
MAY BE HARMFUL IF SWALLOWED.

**Information on Toxicological Effects**

**Symptoms**
No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization**
No information available.

**Mutagenic effects**
No information available.

**Carcinogenicity**
The information below indicates whether any agency has listed any ingredient as a carcinogen.

**Reproductive effects**
Not Available.

**STOT - Single Exposure**
No information available.

**STOT - Repeated Exposure**
No information available.

**Chronic toxicity**
Avoid repeated exposure.

**Aspiration hazard**
No information available.

**Numerical Measures of Toxicity - Product information**

<table>
<thead>
<tr>
<th>Numerical Measures</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 Oral</td>
<td>4545 mg/kg</td>
</tr>
<tr>
<td>LD50 Dermal</td>
<td>&gt; 2000 mg/kg</td>
</tr>
<tr>
<td>LC50 Inhalation</td>
<td>&gt; 5.257 mg/L</td>
</tr>
</tbody>
</table>

### 12. Ecological Information

**ecotoxicity**

Broadloom: (Information on Sodium bentazon):
Rainbow trout LC50 96 hr = >100 mg/L
Bluegill sunfish LC50 96 hr = >100 mg/L
Daphnia magna EC50 48 hr = >500 mg/L
Bobwhite quail LD50 = >5000 mg/kg
Mallard duck LD50 = >5000 mg/kg
Persistence/Degradability
No information available.

Bioaccumulation/ Accumulation
Bioaccumulative potential.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bentazon-Sodium</td>
<td>0.28</td>
</tr>
<tr>
<td>50723-80-3</td>
<td></td>
</tr>
</tbody>
</table>

Other Adverse Effects
No information available

13. Disposal Considerations

Waste Treatment Methods

Waste Disposal Method
Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or rinsate is a violation of Federal law. If the wastes cannot be disposed of by use or according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Contaminated packaging
Refer to product label.

14. Transport Information

DOT
NOT REGULATED

ICAO
NOT REGULATED

IATA
NOT REGULATED

IMDG/IMO
NOT REGULATED

15. Regulatory Information

This chemical/product is a pesticide product registered by the PMRA and is subject to specific label requirements under these regulations. The requirements may differ classification and hazard information required for safety data sheets and for labels of non-pesticide products. The following is information as required on the registered product label.

signal word
CAUTION

Potential skin sensitizer. POISON. Keep out of Reach of Children.

International Inventories

USINV
Does not comply

DSL/NDSL
Does not comply

EINECS/
Does not comply
ADAMA - Python B Herbicide

ELINCS
ENCS
China
KECL
PICCS
AICS
TSCA

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 Commercial Chemical Substances/EU 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

Federal Regulations

SARA 313

Y

SARA 311/312 Hazardous

Categorization

Acute health hazard
Chronic health hazard
Fire hazard
Sudden release of pressure hazard
Reactive Hazard

yes
No
No
No

CERCLA

SARA Product RQ

0

RCRA

Pesticide Information

State Regulations

State Right-to-Know

International regulations

U.S. EPA Label information

EPA Pesticide registration number

PCPA

16. Other Information

NFPA HEALTH 1 flammability 0 Instability 0 Physical hazard -

Preparation Date 08-Apr-2019
Revision date 08-Apr-2019
Revision Summary Add to system

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.
End of MSDS