

**1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product Name: IPCO Maraud
Pest Control Product Number: 35440
Product Use: Agrochemicals/Herbicide
Manufacturer/Supplier: INTERPROVINCIAL COOPERATIVE LTD.
945 Marion St.
Winnipeg, Manitoba
R2J 0K7
www.ipco.ca
Emergency Phone: CANUTEC: 1-888-CAN-UTEC (226-8832), 613-996-6666 or *666 on a cellular phone.
Effective Date: March 05, 2025
This product is regulated under authority of the Pest Control Products Act

2: HAZARD IDENTIFICATION

Physical Hazards: None
Acute toxicity - Oral: Category 4
Skin Sensitizer: Category 1B
Environmental Hazards: None
Hazard pictograms: 

Signal word: WARNING
Hazard statements: Harmful if swallowed. May cause allergic skin reaction. Toxic to aquatic life with long lasting effects.
Precautionary statements: KEEP OUT OF REACH OF CHILDREN.
DO NOT take internally. Harmful or fatal if swallowed. DO NOT get in eyes or on skin. Causes eye irritation.
Potential skin sensitizer.
Wash exposed areas of skin thoroughly after handling and before eating, drinking or smoking or going to the washroom. Take a shower immediately after work.

3: COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight-%
Bentazon	25057-89-0	35.8 - 38
Imazamox	114311-32-9	1.64 – 1.82

Other ingredients are considered non-hazardous.

4: FIRST AID MEASURES

Ingestion: Call a poison control center or doctor immediately 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.

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Interprovincial Cooperative Ltd.; Information Phone: 204-233-3461

Effective Date: March 05, 2025

PCP#35440

Page 1 of 5

Skin Contact:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre 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 by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.
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 centre or doctor for treatment advice.
Note to physicians:	Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

5: FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Use extinguishing media suitable for surrounding materials. Dry chemical, carbon dioxide, foam, water spray or fog.
Special fire-fighting procedure:	Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full fire-fighting turn out gear. Dike area to prevent runoff and contamination of water sources. Dispose of fire control water later.
Unusual Fire and Explosion Hazards:	If water is used to fight fire, contain runoff, using dikes to prevent contamination of water supplies. Dispose of fire control water later.
Hazardous Decomposition Materials (Under Fire Conditions):	Carbon monoxide, carbon dioxide, nitrogen oxides.

6: ACCIDENTAL RELEASE MEASURES

Personal precautions:	Wear appropriate protective gear for the situation. See Personal Protection information in Section 8.
Environmental Precautions:	Prevent material from entering public sewer systems or any waterways. Do not flush to drain. Large spills to soil or similar surfaces may necessitate removal of topsoil. The affected area should be removed and placed in an appropriate container for disposal.
Methods for containment:	Dike spill using absorbent or impervious materials such as earth, sand or clay. Collect and contain contaminated absorbent and dike material for disposal.
Methods for cleaning up:	Avoid creation of dusty conditions. Scrape up and place in appropriate closed container. Wash entire spill area with a detergent slurry, absorb and sweep into container for disposal. Decontaminate tools and equipment following cleanup. See Section 13: DISPOSAL CONSIDERATIONS for more information.
Other Information:	Large spills may be reportable to CANUTEC at 1-888-CAN-UTEC (226-8832).

7: HANDLING AND STORAGE

Handling:	Do not get in eyes or on clothing. Avoid breathing vapors or spray mist. Keep product away from excessive heat and open flames. Use with adequate ventilation. Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing/Personal Protective Equipment (PPE) immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.
Storage:	Store this product away from food or feed. Store the product in original, tightly-closed container and do not allow water to be introduced into this container. DO NOT ship or store the product near food, feed, seed or fertilizers. Store the product in a cool, dry, locked, well-ventilated area without floor drain. Herbicides should be shipped or stored separately from other pesticides to avoid cross contamination.

8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering controls:	Where engineering controls are indicated by specific use conditions or a potential for
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Interprovincial Cooperative Ltd.; Information Phone: 204-233-3461

Effective Date: March 05, 2025

PCP#35440

Page 2 of 5

Eye/Face protection:	excessive exposure, use local exhaust ventilation at the point of generation. To avoid contact with eyes, wear chemical goggles or shielded safety glasses. An emergency eyewash or water supply should be readily accessible to the work area.
Skin protection:	To avoid contact with skin, wear long pants, long-sleeved shirt, socks and shoes. An emergency shower or water supply should be readily accessible to the work area.
Respiratory protection:	Not normally required. If vapors or mists exceed acceptable levels, wear NIOSH approved air-purifying respirator with cartridges/canisters approved for use against pesticides.
General hygiene considerations:	Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material: 1) do not store, use and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored; 2) wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics or using the washroom.

Exposure Guidelines:

Component	TWA*	STEL**
Bentazon	N/E	N/E
Imazamox	N/E	N/E

*Time-weighted Average, 8-hour unless otherwise noted.

**Short Term Exposure Limit N/E = Not Established

Refer to approved product label for additional exposure control guidance.

9: PHYSICAL AND CHEMICAL PROPERTIES

Note: Physical data are typical values, but may vary from sample to sample. A typical value should not be construed as a guaranteed analysis or as a specification. If no value is determined for the formulation, the value listed is the most relevant value of the predominant ingredient(s).

Appearance:	Amber liquid
Color:	Amber
Odor:	Sweet
Odor threshold:	No data available
pH:	4.52
Melting point:	Not applicable
Freezing point:	Not applicable
Boiling point:	No data available
Flash point:	>103.2°C
Evaporation rate:	No data available
Flammability (solid, gas):	Not applicable
Vapour pressure:	No data available
Vapour density:	No data available
Relative density:	1.186 g/cm ³ @ 20C
Solubility (ies):	Miscible
Partition coefficient:	No data available
Auto ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	36.07 cS(20°C); 13.73 cS(40°C)

10: STABILITY AND REACTIVITY

Reactivity:	Not reactive.
Chemical Stability:	This material is stable under normal handling and storage conditions.
Possibility of hazardous	Hazardous polymerization will not occur. No hazardous reactions if stored and

In case of emergency call CANUTEC at 613-996-6666

Interprovincial Cooperative Ltd.; Information Phone: 204-233-3461

Effective Date: March 05, 2025

PCP#35440

Page 3 of 5

reactions:	handled as prescribed/indicated.
Conditions to avoid:	Avoid all sources of ignition: heat, sparks, open flame. Avoid prolonged storage. Avoid electro-static discharge. Avoid contamination. Avoid prolonged exposure to extreme heat. Avoid extreme temperatures.
Incompatible Materials:	Strong acids, strong bases, strong oxidizing agents
Hazardous Decomposition products:	No hazardous decomposition products if stored and handled as prescribed/indicated.

11: TOXICOLOGICAL INFORMATION

Likely routes of exposure:	Inhalation, skin and eye contact.
Eye contact:	Causes serious eye irritation. Vapors and mists can cause irritation.
Skin contact:	Irritating based on toxicity studies
Inhalation:	Harmful by inhalation based on toxicity studies. May be irritating to the respiratory tract. Overexposure by inhalation may cause symptoms similar to those from ingestion.
Ingestion:	Toxic if swallowed. May cause nausea, vomiting, abdominal pain, decreased blood pressure, muscle weakness, muscle spasms.
Delayed, immediate and chronic effects of exposure:	Prolonged or frequent repeated skin contact may cause allergic reactions in some individuals.
Toxicological Data:	
Acute Toxicity LD50 Oral:	>500 - <2000 (Rat)
Dermal Toxicity LD50 Dermal:	>5000 (Rat)
Inhalation Toxicity LC50:	Rat 4-hr: >5
Skin corrosion/irritation:	Not irritating to skin
Serious eye damage/irritation:	Not irritating to the eye (Rabbit)
Respiratory or skin sensitization:	Contact dermal sensitizer following repeated exposure.
Genotoxicity:	The product has not been tested. The statement has been derived from the properties of the individual components. Mutagenicity tests revealed no genotoxic potential.
Carcinogenicity:	The product has not been tested. The statement has been derived from the properties of the individual components. The results of various animal studies gave no indication of a carcinogenic effect.
Reproductive toxicity:	The product has not been tested. The statement has been derived from the properties of the individual components. The results of animal studies gave no indication of a fertility impairing effect.
Teratogenicity:	The product has not been tested. The statement has been derived from the properties of the individual components. <u>Information on: bentazon</u> Assessment of teratogenicity: Indications of possible developmental toxicity/teratogenicity were seen in animal studies. The substance did not cause malformations in animal studies. When given in high doses fetotoxicity was observed. <u>Information on: imazamox</u> Assessment of teratogenicity: Indications of possible developmental toxicity/teratogenicity were seen in animal studies.

12: ECOLOGICAL INFORMATION

Ecotoxicity:	Data on Bentazon sodium: 96-hour LC50 Rainbow Trout: >100 mg/l 48-hour EC50 Daphnia: >100 mg/l
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In case of emergency call CANUTEC at 613-996-6666

Interprovincial Cooperative Ltd.; Information Phone: 204-233-3461

Effective Date: March 05, 2025

PCP#35440

Page 4 of 5

Data on Imazamox:

96-hour LC50 Rainbow Trout: >122 mg/l

96-hour LC50 Sheepshead Minnow: >97 mg/l

48-hour LC50 Daphnia: >100 mg/l

Environmental Fate:

Individual components appear to be mobile in soil. Does not bioaccumulate.

13: DISPOSAL CONSIDERATIONS

Waste from residues/unused
Products:

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Disposal should be made in accordance with federal, provincial and local regulations.

Do not reuse container for any purpose. If applicable, return container in accordance with return program. If a recyclable container, dispose of at a container collection site. Contact local distributor, dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site, triple or pressure rinse the empty container adding rinsings to spray tank, and make container unsuitable for further use. If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

14: TRANSPORT INFORMATION

Canadian TDG Description (Road & Rail): Not regulated.

United States DOT Description: <119 gallons per complete package: Not regulated.
≥ 119 gallons per complete package: Not regulated.

IMDG: Not regulated.

IATA: Not regulated.

15: REGULATORY INFORMATION

Pest Control Products Act Registration Number: 35440

Read the approved label, authorized under the Pest Control Products Act, prior to using or handling the pest control product.

This chemical is a pest control product registered by Health Canada Pest Management Regulatory Agency and is subject to certain labelling requirements under the Pest Control Products Act. These requirements differ from the classification criteria and hazard information required for GHS-consistent safety data sheets. Following is the hazard information required on the pest control product label:



WARNING

POISON EYE

IRRITANT

POTENTIAL SKIN SENSITIZER

WHMIS exempt.

16: OTHER INFORMATION

Revision Date/Reason: March 05, 2025/ New SDS

Notice:

The enclosed information is supplied as customer service and is provided in good faith. Although it has been based on data drawn from sources deemed to be reliable, Interprovincial Cooperative Limited cannot guarantee its accuracy and assumes no responsibility for conditions resulting from its use.

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Interprovincial Cooperative Ltd.; Information Phone: 204-233-3461

Effective Date: March 05, 2025

PCP#35440

Page 5 of 5