



IPCO KORDIVO

## SAFETY DATA SHEET

### 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: IPCO Kordivo  
Pest Control Product Number: 35437  
Product Use: Agrochemicals/Fungicide  
Manufacturer /Supplier: INTERPROVINCIAL COOPERATIVE LTD.  
945 Marion St.  
Winnipeg, Manitoba  
R2J 0K7  
[www.ipco.ca](http://www.ipco.ca)  
Effective Date: February 26, 2025  
This product is regulated under authority of the Pest Control Products Act

### 2: HAZARD IDENTIFICATION

GHS classification in accordance with the Hazardous Products Regulations:

Physical Hazards: None  
Acute toxicity - Inhalation: Category 4  
Eye Damage/Irritation: Category 2A  
Environmental Hazards: None  
Hazard picograms



Signal word: WARNING  
Hazard statements: Harmful if inhaled. May irritate eyes. May irritate skin. Toxic to aquatic life.  
Precautionary statements: KEEP OUT OF REACH OF CHILDREN.  
Harmful if inhaled. May irritate eyes. May irritate skin. Avoid contact with skin, eyes, and clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, or smoking. If product comes in contact with clothing, remove all contaminated clothing, wash skin with soap and water and dress in clean clothing.

### 3: COMPOSITION AND INFORMATION ON INGREDIENTS

| Chemical name   | CAS No.     | Weight-%    |
|-----------------|-------------|-------------|
| Azoxystrobin    | 131860-33-8 | 13.5 – 14.9 |
| Prothioconazole | 114311-32-9 | 13.5 – 14.9 |

Other ingredients are considered non-hazardous.

### 4: FIRST AID MEASURES

If swallowed: Call a poison control centre 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 centre or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

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|                         |                                                                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| If in eyes:             | 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.     |
| If on skin or clothing: | 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.                                                                       |
| If inhaled:             | 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. |
| General advice:         | 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:                              | Water fog, foam, carbon dioxide or dry chemical.                                                                                                                   |
| Special Fire Fighting Procedures:                          | Breathable air apparatus may have to be worn if material is involved in fires especially in confined spaces. STOP FIRE WATER FROM ENTERING DRAINS OR WATER BODIES. |
| 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): | May emit hazardous smoke and fumes if involved in fires or exposed to extreme heat.                                                                                |

## 6: ACCIDENTAL RELEASE MEASURES

|                                       |                                                                                                                                                                                                                                                    |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Personal precautions:                 | Wear appropriate protective gear for the situation. See Personal Protection information in Section 8. If product has dried out and the possibility of dust generation exists, wear a suitable respirator.                                          |
| Environmental Precautions:            | Do NOT contaminate dams, rivers or streams, or any other water bodies with pesticide or used containers.                                                                                                                                           |
| 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 and Disposal: | Contain spill and absorb with clay, sand, soil or proprietary absorbent (such as vermiculite). Collect spilled material and waste in sealable open-top type containers for disposal. See Section 13: DISPOSAL CONSIDERATIONS for more information. |

## 7: HANDLING AND STORAGE

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Handling: | Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, or smoking. If product comes in contact with clothing, remove all contaminated clothing, wash skin with soap and water and dress in clean clothing. Launder applicator clothing separate from other laundry. Apply only when the potential for drift to areas of human habitation or areas of human activity such as houses, cottages, schools and recreational areas is minimal. |
| Storage:  | Store this product away from food or feed. Keep away from direct sunlight. Keep away from fire or open flame or other sources of heat. Do not store at temperatures below freezing. Shake well before using, and if stored for greater than 1 year. Store the tightly closed container away from feeds, seeds, fertilizer, plants and foodstuffs. Do not use or store in or around the home. Keep in original container during storage.                                                                |

## 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

|                       |                                                                                     |
|-----------------------|-------------------------------------------------------------------------------------|
| Engineering controls: | Handle in well-ventilated areas, generally natural ventilation is adequate.         |
| Eye/Face protection:  | Wear protective eyewear (goggles or a face shield) during mixing, loading, clean-up |

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and repair.

Skin protection:

Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading, application, clean-up and repair.

Respiratory protection:

Not normally required. Do not inhale spray mist.

General hygiene considerations:

Wash thoroughly with soap and water after handling and before eating, drinking, or smoking. If product comes in contact with clothing, remove all contaminated clothing, wash skin with soap and water and dress in clean clothing. Launder applicator clothing separate from other laundry.

Exposure Guidelines:

| Component       | TWA* | STEL** |
|-----------------|------|--------|
| Azoxystrobin    | N/E  | N/E    |
| Prothioconazole | N/E  | N/E    |

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

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

Refer to the 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:                | Off-white, opaque liquid                                              |
| Odor:                      | Odourless                                                             |
| Odor threshold:            | No data available                                                     |
| pH:                        | 5.16                                                                  |
| Melting point:             | No data available                                                     |
| Freezing point:            | Not applicable                                                        |
| Boiling point:             | No data available                                                     |
| Flash point:               | >99.2°C                                                               |
| Evaporation rate:          | No data available                                                     |
| Flammability (solid, gas): | No data available                                                     |
| Vapour pressure:           | No data available                                                     |
| Vapour density:            | No data available                                                     |
| Relative density:          | 1.054 g/cm <sup>3</sup> @ 20°C                                        |
| Solubility (ies):          | Miscible                                                              |
| Partition coefficient:     | Kow Log P is 2.5 for azoxystrobin and 4.05 for prothioconazole @ 20°C |
| Auto ignition temperature: | No data available                                                     |
| Decomposition temperature: | No data available                                                     |
| Viscosity:                 | 534.7 cS(20°C); 1534.9 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 reactions: | Hazardous polymerization will not occur. No hazardous reactions if stored and handled as prescribed/indicated.                 |
| Conditions to avoid:                | Avoid all sources of ignition: heat, sparks, open flame. 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.                                             |

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**11: TOXICOLOGICAL INFORMATION**

|                                                     |                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Likely routes of exposure:                          | Inhalation, skin and eye contact.                                                                                                                                                                                                                                                                                                                                    |
| Eye contact:                                        | May cause eye irritation. Vapors and mists can cause irritation.                                                                                                                                                                                                                                                                                                     |
| Skin contact:                                       | May irritate skin.                                                                                                                                                                                                                                                                                                                                                   |
| Inhalation:                                         | Harmful by inhalation based on toxicity studies.                                                                                                                                                                                                                                                                                                                     |
| Ingestion:                                          | Harmful if swallowed.                                                                                                                                                                                                                                                                                                                                                |
| Delayed, immediate and chronic effects of exposure: | Prolonged or frequent repeated skin contact may cause allergic reactions in some individuals.                                                                                                                                                                                                                                                                        |
| Toxicological Data:                                 | <p>Acute oral LD50 (mg/kg) 1750 (Rat)</p> <p>Acute dermal LD50 (mg/kg) &gt;5000 (Rat)</p> <p>Acute inhalation LC50 (mg/L) ..... Rat 4-hr: 1.24</p> <p>Skin corrosion/irritation Slightly irritating to the skin</p> <p>Serious eye damage/irritation Minimally irritating to the eye (Rabbit)</p> <p>Respiratory or skin sensitization Contact dermal sensitizer</p> |
| Genotoxicity:                                       | 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. Neither azoxystrobin nor prothioconazole have teratogenic potential.                                                                                                                                                                                                                                                                |

**12: ECOLOGICAL INFORMATION**

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ecotoxicity:        | <p>Data on Azoxystrobin:</p> <p>Bobwhite quail &amp; mallard duck: LD50 &gt;2000 mg/kg</p> <p>96-hour LC50 Rainbow Trout: 0.47 mg/l</p> <p>96-hour LC50 Bluegill Sunfish: 1.1 mg/l</p> <p>96-hour LC50 Sheepshead Minnow: 0.66 mg/l</p> <p>48-hour EC50 Daphnia: 0.28 mg/l</p> <p>120-hour EC50 Algae (<i>Selenastrum capricornutum</i>): 0.12 mg/L</p> <p>Bees: LD50 (oral) &gt;25 µg/bee, (contact) &gt;200 µg/bee</p> <p>Data on Prothioconazole:</p> <p>Bobwhite quail: LD50 &gt;2000 mg/kg</p> <p>96-hour LC50 Rainbow Trout: 1.83 mg/l</p> <p>48-hour LC50 Daphnia: 1.3 mg/l</p> <p>Algae (<i>Pseudokirchneriella subcapitata</i>): Subchronic EC50 1.1 mg/L</p> <p>Bees: Not harmful</p> |
| Environmental Fate: | Rapidly degrades in soil. Does not bioaccumulate.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

**13: DISPOSAL CONSIDERATIONS**

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Container Handling and Disposal: | <p>For information on disposal of unused, unwanted product, contact the manufacturer or the provincial/territorial regulatory agency. Disposal should be made in accordance with federal, provincial/territorial and local regulations.</p> <p>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.</p> |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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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):** UN3082, Environmentally hazardous substance, liquid, n.o.s., (Prothioconazole, Azoxystrobin), 9, III Marine Pollutant

Section 1.45.1 of the TDG Regulations provides an exemption from documentation and safety marks only for this product and only when transported by a road or railway vehicle.

**United States DOT Description:** Not regulated

**<119 gallons per complete package**

**≥ 119 gallons per complete package:** UN3082, Environmentally hazardous substance, liquid, n.o.s., (Prothioconazole, Azoxystrobin), 9, III Marine Pollutant

**IMDG:** UN3082, Environmentally hazardous substance, liquid, n.o.s., (Prothioconazole, Azoxystrobin), 9, III Marine Pollutant

**IATA:** UN3082, Environmentally hazardous substance, liquid, n.o.s., (Prothioconazole, Azoxystrobin), 9, III Marine Pollutant Environmentally hazardous mark: Yes

#### 15: REGULATORY INFORMATION

Pest Control Products Act Registration Number: 35437

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:



CAUTION POISON  
SKIN AND EYE IRRITANT

WHMIS exempt.

#### 16: OTHER INFORMATION

Revision Date/Reason: February 26, 2025/ New SDS

Notice: The enclosed information is supplied as a 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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