



**Interprovincial Cooperative Limited**

**TRACKER XP**

**MATERIAL SAFETY DATA SHEET**

**1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product Name: Tracker XP\*  
Product Use: Phenoxy (Broadleaf) Herbicide  
Product Number: 27790  
  
Manufacturer /Supplier: INTERPROVINCIAL COOPERATIVE LTD.  
945 Marion St.  
Winnipeg, Manitoba  
R2J 0K7 [www.ipco.ca](http://www.ipco.ca)  
  
Effective Date: January 01/2012

This product is regulated under authority of the Pest Control Products Act

**2: HAZARD IDENTIFICATION**

**Effects of Overexposure:**

Route of Exposure: Inhalation, eye contact, skin contact, ingestion.  
Inhalation: A single exposure to vapors is not likely to be hazardous.  
Eye Contact: May cause severe irritation with corneal injury, which may result in permanent impairment of vision, even blindness.  
Skin Contact: May cause skin irritation.  
Ingestion: Moderately toxic; May cause gastrointestinal irritation and ulceration

**3: COMPOSITION AND INFORMATION ON INGREDIENTS**

| COMPONENT  | CAS NUMBER | % (W/W)       |
|--|------------|---------------|
| (4-Chloro-2-methylphenoxy) acetic acid                       | 94-74-6    | 25.56 – 26.33 |
| ® 2-(4 chloro-2-methylphenoxy),<br>Propionic acid            | 16484-77-8 | 6.12 – 6.30   |
| (2-Methoxy-3, 6-Dichlorobenzoic acid),<br>Dimethylamine salt | 2300-66-5  | 13.86 – 14.28 |
| Other ingredients  |            | 53.09 – 54.46 |

Ingredients not listed are proprietary or non-hazardous

**4: FIRST AID MEASURES**

Inhalation: Move victim to fresh air. Give artificial respiration ONLY if breathing has stopped. Give cardiopulmonary resuscitation (CPR) if there is no breathing AND no pulse. Obtain medical attention IMMEDIATELY.  
Ingestion: If swallowed, induce vomiting immediately by giving two glasses of water and sticking finger down throat. Never give anything by mouth to an unconscious person.  
Skin: Flush skin with running water, and then continue flushing with running water for 5 - 10 minutes. Start flushing while removing contaminated clothing. If irritation persists, repeat flushing. Obtain medical attention IMMEDIATELY.  
Eyes: In case of contact, immediately flush eyes with plenty of water for 5 - 10 minutes and get medical attention.  
Emergency Medical Care: Treatment based on judgment of the physician in response to reaction of the patient. There is no specific antidote.

**In case of emergency call CANUTEC at 613-885-6666**

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**5: FIRE-FIGHTING MEASURES**

|                                     |  |
|-------------------------------------|--|
| Unusual Fire & Explosion Hazards:   | Noxious fumes may be formed under fire conditions. Contain water from fire fighting to prevent entry into water supplies.      |
| Extinguishing Media:                | Carbon Dioxide, Foam, Water Fog, and Dry Chemical. (But not SODA DRY POWDER)   |
| Special Oxidizing Material Hazards: | Not Established  |
| Hazardous Combustion Products:      | Noxious (HCl & Amines) fumes under fire conditions.  |
| Special Fire Fighting Procedures:   | Use water spray to cool fire exposed containers or structures. Use self-contained breathing apparatus and protective clothing. |

**6: ACCIDENTAL RELEASE MEASURES**

In case of spillage, absorb with inert material and dispose of in accordance with applicable regulations.

**7: HANDLING AND STORAGE**

Store in a cool, well-ventilated area. Keep away from heat, sparks and filling of containers. Keep away from children; prevent contact with eyes, skin, and clothing. Do not store near fertilizers, foodstuffs, seed, insecticides or fungicides.

Do not contaminate irrigation ditches or domestic water supplies. If this happens notify police and local authorities.

**8: EXPOSURE CONTROLS AND PERSONAL PROTECTION****Exposure Limits:**

(4-Chloro-2-methylphenoxy)

acetic acid

|                 |                                  |
|-----------------|----------------------------------|
| LD50-ORAL:      | 737 mg/kg Rat                    |
| LD50-DERMAL:    | > 2000 mg/kg Rabbit              |
| T.L.V. (ACGIH): | 15 mg/m <sup>3</sup> (MCPA Acid) |
| LC50:           | Not Established                  |

® 2-(4 chloro-2-methylphenoxy)

propionic acid

|                 |                             |
|-----------------|-----------------------------|
| LD50-ORAL:      | 431 mg/kg Rat               |
| LD50-DERMAL:    | > 4000 mg/kg Rabbit         |
| T.L.V. (ACGIH): | Not Established             |
| LC50:           | 12.5 mg/l air (4 hours) Rat |

(2-Methoxy-

3, 6-Dichlorobenzoic acid)

dimethylamine salt

|                 |                     |
|-----------------|---------------------|
| LD50-ORAL:      | 1140 mg/kg Rat      |
| LD50-DERMAL:    | > 2000 mg/kg Rabbit |
| T.L.V. (ACGIH): | Not Established     |
| LC50:           | Not Established     |

Special Engineering Controls: Local exhaust ventilation required.

Eye Protection: CSA approved safety glasses with side shields or goggles.

Respiratory Protection: No respiratory protection needed unless mist generated, then a NIOSH/MSHA toxic mist mask suggested.

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|                            |   |
|----------------------------|---|
| Hand and Arm:              | PVC or rubber gloves.   |
| Feet:                      | Rubber boots.   |
| Body:                      | Coveralls.  |
| Other Personal Protection: | Recommendations listed above indicate the type of equipment which will provide protection against overexposure to this product. Conditions of use, adequacy of engineering or other control measures, and actual exposures will dictate the need for specific protective devices at your workplace. |

### 9: PHYSICAL AND CHEMICAL PROPERTIES

|  |  |
|--|--|
| Physical State:                        | Liquid   |
| Appearance & Odour:                    | Brown, Fishy Odour                             |
| Specific Gravity:                      | (@ 20 <sup>o</sup> c): 1.1110                  |
| Vapour density:                        | Not established                                |
| Solubility in water:                   | Miscible                                       |
| Solubility in liquids:                 | Not established                                |
| Freezing point:                        | - 3 <sup>o</sup> c                             |
| % volatile by volume:                  | Not applicable                                 |
| Boiling point:                         | 100 <sup>o</sup> c                             |
| Odour threshold (ppm):                 | Not established                                |
| Coefficient of water/oil distribution: | Not applicable                                 |
| Vapour pressure:                       | Not established                                |
| Evaporation rate:                      | Not Established                                |
| pH:                                    | 8.1 - 8.5                                      |
| Viscosity:                             | 34.4 cps at 20°C                               |
| Flash Point & Method:                  | ( <sup>o</sup> C): > 100 (Tag Closed Cup)      |
| Flammable Limits (% in air):           | Lower: Not Applicable<br>Upper: Not Applicable |
| Autoignition Temperature               | Not Applicable                                 |

### 10: STABILITY AND REACTIVITY

|   |   |
|---|---|
| Decomposition Temp:                       | Not Established   |
| Stability:                                | Stable under normal conditions.   |
| Materials to Avoid:                       | Acids, oxidizing agents   |
| Hazardous Decomposition Products:         | Hydrogen Chloride and nitrogen oxides may be formed under fire conditions |
| Hazardous Polymerization or Condensation: | Will not occur.   |
| Conditions to Avoid:                      | Elevated temperatures, product may boil then burn.                        |

### 11: TOXICOLOGICAL INFORMATION

|                                      |  |                 |
|--------------------------------------|--|-----------------|
| Skin Absorption:                     | Acute dermal LD50 (Rat)  | >5000 mg/kg.    |
| Ingestion:                           | Acute oralLD50 (rat)   | 1400 mg/kg.     |
| Inhalation:                          | LC50   | Not Established |
| Chronic Health Hazards:              | Excessive exposure may cause liver, kidney, gastrointestinal and muscle effects. Signs and symptoms of excessive exposure may be nausea, vomiting, abdominal cramps and diarrhea.  |                 |
| Chronic Effects/<br>Carcinogenicity: | The International Agency for Research on Cancer (IARC) lists exposure to chlorophenoxy herbicides as a class 2B carcinogen, the category for limited evidence for carcinogenicity in humans. Newer rat and mouse lifetime feeding studies did not show carcinogenic potential for MCPA |                 |

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|                        |  |
|------------------------|--|
| Reproductive Toxicity: | Testicular effects and lower male fertility have been noted in animal studies.   |
| Developmental Toxicity | MCPA studies in laboratory animals have shown decreased fetal body weights and delayed development in the offspring at doses toxic to mother animals |
| Genotoxicity:          | There have been some positive and some negative studies, but the weight of evidence is that MCPA is not mutagenic.                                   |

**12: ECOLOGICAL INFORMATION****Data on the major components:**

96-Hour LC50 (mg/l) – Rainbow Trout: MCPA DMA: 230; Mecoprop-P acid: 150-220 ; Dicamba acid: 135  
48-Hour EC50 (mg/l) – *Daphnia*: MCPA DMA: 190; Mecoprop-P acid: >100; Dicamba acid: 120  
EC50 (mg/l) – Algae (*Selenastrum*): MCPA DMA: N/E; Mecoprop-P acid: 500; Dicamba acid: >3.7 – 41 (various spp.)  
Acute Oral LC50 (mg/kg) – Bobwhite Quail: MCPA DMA: 390; Mecoprop-P acid: 497; Dicamba acid: N/E  
Dietary LC50 (ppm) – Bobwhite Quail: MCPA DMA: N/E; Mecoprop-P DMA: >5620; Dicamba acid: N/E  
Dietary LC50 (ppm) – Mallard duck: MCPA DMA: 5,620; Mecoprop-P DMA: N/E; Dicamba acid: >10,000  
LD50 (contact) (µg/bee) – Bees: MCPA DMA: N/E; Mecoprop-P acid: >100; Dicamba acid: >100

**Chemical Fate Information - Soil:** MCPA: Microbial degradation, DT50 <7 days. Mecoprop-P: Microbial degradation, DT50 3 - 13 days. Dicamba: Microbial degradation, DT50 <14 days. The formulated product is considered to have low to moderate ecological impacts.

**13: DISPOSAL CONSIDERATIONS**

Dispose of waste materials in an approved incinerator or waste treatment/disposal facility in accordance with applicable regulations. Do not dispose of wastes in local sewer or with normal waste.

**14: TRANSPORT INFORMATION**

This product is Not Regulated under regulations of the Transport of Dangerous Goods Act.

**15: REGULATORY INFORMATION**

Pest Control Products Act  
Registration Number: 27790  
For Information Phone: 204-233-3461  
MSDS Status/  
Revised Sections:  
Replaces MSDS Dated: September 01, 2009

**16: OTHER INFORMATION**

WHMIS Ratings: D2B  
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, IPCO cannot guarantee its accuracy and assumes no responsibility for conditions resulting from its use.

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