

MATERIAL SAFETY DATA SHEET

DIPHENOPROP BK 700 PCP# 16724

1. PRODUCT INFORMATION

UNITED AGRI PRODUCTS CANADA INC.
789 Donnybrook Drive
Dorchester, Ontario
N0L 1G5

EMERGENCY NUMBERS

During Working Hours (UAP) 1-800-265-4624
After Hours 1-800-561-8273
Canutec (Collect) 1-613-996-6666
Chemtrec 1-800-424-9300
Exposure Reporting –Prosar 1-800-301-7976

Preparation of Information: Irwin Schmidt, 1-800-265-4624

Date Issued: January 7, 2005

Chemical Identity: Phenoxy herbicide (low volatile butoxy ethanol esters of 2,4-D and 2,4-DP-Dichlorprop)

Product Use: Herbicide

2. HAZARDOUS INGREDIENTS

Hazardous Ingredients (CAS or UN Number)	Content	AOLD ₅₀ (Rat)	ADLD ₅₀ (Rabbit)	AILC 50(Rat)
2,4-D BEE (CAS: 1929-73-3)	329 g/L	625 mg/kg	2115 mg/kg	4540 ppm/6H
Dichlorprop (2,4-DP BEE) (CAS: Acid: 120-36-5)	350 g/L			

3. PHYSICAL INFORMATION

Appearance & Odour: Amber liquid, phenolic odour and petroleum solvent odour.

Specific Gravity: 1.17 @ 20° C

Density (g/mL): n/a

pH: 7.5 - 9.0

Boiling Pt°C: n/e

Freezing Pt°C: 0

Solubility in Water: Emulsifies

Vapour Density (air = 1): 0.021

Vapour Pressure (mm): 20.7

Evaporation Rate: < Butyl Acetate

4. FIRE or EXPLOSION HAZARD

Flammability (Specify Conditions): n/a

Flash Pt °C (method): 106°C

Means of Extinction: Dry chemical, CO₂, foam, water spray or fog.

Special Fire Fighting Procedures: Self contained breathing equipment.

Hazardous Combustion Products: Avoid noxious vapours under high temperature conditions.

Unusual Fire & Explosion Hazards: Prevent water used in fire fighting from entering water supplies.

5. REACTIVITY INFORMATION

Stability (Conditions to avoid): Stable (excessive heat).

Reactivity & Under What Condition: n/e

Incompatibility (Materials to avoid): Strong oxidizers, acids.

Hazardous Decomposition Products: Ammonia, oxides of nitrogen, chlorine containing compounds and other unknown hazardous materials may be formed in a fire situation. Incomplete combustion may lead to formation of carbon monoxide and/or other asphyxiants.

6. HEALTH HAZARD INFORMATION

Routes of Entry: Skin and eye contact, skin absorption, acute inhalation and ingestion.

Effects of Overexposure: May cause loss of appetite, nausea, vomiting, general tenseness and muscular weakness, and prolonged or repeated exposure may lead to liver or kidney damage or central nervous system symptoms.

Exposure Limits: n/e

Irritancy of Product: Eyes: Marked irritation and corneal injury may occur.

Sensitization of Material: Pre-existing skin or respiratory disorders may be aggravated by excessive exposure to this material.

Carcinogenicity: Not known. None of the components in this product is listed by IARC, NTP or OSHA as a potential carcinogen.

7. PREVENTATIVE MEASURES

Respiratory Protection: If vapours may exceed acceptable levels, wear MSHA/NIOSH approved respirator or mask for protection against pesticide mists and vapours.

Eyes: Goggles/Face Shield

Gloves: Rubber or Impervious

Footwear: Rubber or Impervious

Clothing: Coveralls or Impervious apron when handling concentrate.

Other: Work in well ventilated area.

Engineering Control: Use mechanical exhaust if ventilation not adequate.

Leak & Spill Procedures: Contain spill, absorb liquid by covering with clay or other absorbent material; vacuum, scoop or sweep up wastes and place in container for disposal. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

Waste Disposal: For more information on the disposal of unused, unwanted product and the cleanup of spills, contact the provincial regulatory agency or the manufacturer.

Storage Requirements: Do not store near fertilizers, insecticides or fungicides.

8. FIRST AID MEASURES

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

If On Skin: Remove all contaminated clothing. Wash skin and hair thoroughly with soap and water. Wash clothing before reuse. If irritation persists, get medical attention.

If In Eyes: Flush with running water for at least 15 minutes while holding eyelids open to help flush out material. Get medical attention.

Ingestion: Drink 1 - 2 glasses of milk or water to dilute material. DO NOT induce vomiting, as potential aspiration of fluids into lungs may induce chemical pneumonia. Call physician immediately or contact a poison control centre.

Inhalation: Remove to fresh air. If breathing is difficult, administer oxygen; if breathing stops administer artificial respiration. Get medical attention immediately.

Note to Physician: The solvents used in this product can present serious health hazards if ingested. If emesis has not occurred spontaneously, gastric lavage, using a cuffed endotracheal tube, may be indicated. Administration of activated carbon in water can help absorb chemical remaining in the stomach.

9. TRANSPORTATION INFORMATION

CANADA TDG- Regulated for ground or rail transport if > 115L. RQ ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2,4-D 58%) Class 9, UN 3082, P.G. III. *MARINE POLLUTANT*

US DOT-

IMDG (Marine)

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n/a = not applicable

n/e = not established