

# InterProvincial Cooperative Limited

## Material Safety Data Sheet

Product: Diazinon 50 ec

### IDENTIFICATION & DESCRIPTION

PCP Act Reg. #: 27538  
WHMIS STATUS: Controlled  
WHMIS CLASS (ES): B3, D2A  
PHYSICAL STATE: Liquid  
APPEARANCE & ODOUR: Pale to brown, ester like odour  
USES: Organophosphate Insecticide  
SUPPLIER: INTERPROVINCIAL COOPERATIVE LTD.  
ADDRESS: 945 Marion St.  
Winnipeg, Manitoba  
R2J 0K7  
EMERGENCY PHONE NO: (613) 996-6666 (Canutec)

### PHYSICAL DATA

SPECIFIC GRAVITY: (@ 20.0 C): 1.0140  
VAPOUR DENSITY: Not Established  
SOLUBILITY IN WATER: Emulsifies  
SOLUBILITY IN LIQUIDS: Not Established  
FREEZING POINT: - 20°C  
% VOLATILE BY VOLUME: Not Established  
BOILING POINT: Not Established  
ODOUR THRESHOLD (ppm): Not Established  
COEFFICIENT OF WATER/OIL DISTRIBUTION: Not Established  
VAPOUR PRESSURE: Not Established  
EVAPORATION RATE: Not Established  
PH: Not Established

### CONTROLLED PRODUCTS LIST

<b>Diazinon 50 ec</b>			
LD50-ORAL:	910 mg/kg Rat	LD50-DERMAL:	Not Established
T.L.V. (ACGIH):	0.1 mg/m3	LC50:	Not Established
<b>Non-Hazardous</b>			
C.A.S. #:	Not Established	% (W/W):	4 - 9
LD50-ORAL:	Not Established	LD50-DERMAL:	Not Established
T.L.V. (ACGIH):	Not Established	LC50:	Not Established
<b>Diazinon Tech</b>			
C.A.S. #:	333-41-5	% (W/W):	40 - 70
LD50-ORAL:	575 mg/kg Rat	LD50-DERMAL:	Not Established
T.L.V. (ACGIH):	0.1 mg/m3	LC50:	Not Established
<b>Solvesso 150</b>			
C.A.S. #:	64742-94-5	% (W/W):	25 - 40
LD50-ORAL:	5000 mg/kg Rat	LD50-DERMAL:	Not Established
T.L.V. (ACGIH):	Not Established	LC50:	Not Established

### FIRE & EXPLOSION DATA

FLASH POINT & METHOD: (C): 64 (Tag Closed Cup)  
FLAMMABLE LIMITS (% IN AIR): Lower: Not Established Upper: Not Established  
AUTOIGNITION TEMPERATURE: Not Established  
UNUSUAL FIRE & EXPLOSION HAZARDS: Combustible Liquid.  
EXTINGUISHING MEDIA: Dry Chemical or foam.  
SPECIAL OXIDIZING MATERIAL HAZARDS: Not Established

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**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of sulfur, phosphorous containing compounds and other unknown materials may be formed in a fire situation. When Diazinon is reacted with trace amount of water, O, S-TEPP and other hazardous products may be formed. Incomplete combustion may lead to formation of carbon monoxide and/or other asphyxiants.

**SPECIAL FIRE FIGHTING PROCEDURES:** Use water spray to cool fire exposed containers or structures. Use self-contained breathing apparatus and protective clothing.

### HAZARDOUS REACTIVITY

**DECOMPOSITION TEMP:** Not Applicable

**STABILITY:** Yes.

**MATERIALS TO AVOID:** Strong oxidizers and bases

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of sulfur, phosphorus containing compounds and other unknown materials may be formed in a fire situation. When Diazinon is reacted with trace amount of water, O, S-TEPP and other hazardous products may be formed. Incomplete combustion may lead to formation of carbon monoxide and/or other asphyxiants.

**HAZARDOUS POLYMERIZATION OR CONDENSATION:** Will not occur.

**CONDITIONS TO AVOID:** Elevated temperatures.

### TOXICOLOGICAL DATA

**CHRONIC HEALTH HAZARDS:** Prolonged or repeat exposure may lead to kidney or central nervous system symptoms.

**MUTAGENICITY DATA:** No information is available and no adverse mutagenic effects are anticipated.

**CARCINOGENICITY DATA:** No information is available and no adverse carcinogenic effects are anticipated.

**TERATOGENICITY DATA:** No information is available and no adverse teratogenic effects are anticipated.

**REPRODUCTIVE EFFECTS:** No information is available and no adverse reproductive effects are anticipated.

**EFFECTS OF OVEREXPOSURE (INHALATION):** Cholinesterase inhibition.

**EFFECTS OF OVEREXPOSURE (EYES):** Causes eye irritation.

**EFFECTS OF OVEREXPOSURE (SKIN):** May cause skin irritation.

**EFFECTS OF OVEREXPOSURE (INGESTION):** Moderately toxic.

**OTHER HEALTH EFFECTS:** May cause headache, blurred vision, nervousness, nausea, vomiting, cramps, salivation, dizziness, weakness, respiratory difficulty, muscle twitches, convulsions and loss of reflexes.

### PREVENTATIVE MEASURES

**STORAGE AND USE:** Store in a cool, well-ventilated area. Keep away from children, prevent contact with eyes, and skin 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.

**STEPS TO BE TAKEN IN THE EVENT OF A SPILL, LEAK, OR RELEASE** In case of spillage absorb with inert material and dispose of in accordance with applicable regulations.

**SPECIAL ENGINEERING CONTROLS:** Mechanical ventilation preferred.

**WASTE DISPOSAL METHOD:** 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.

**EYE PROTECTION:** CSA approved safety glasses with side shields or goggles.

**RESPIRATORY PROTECTION:** Approved MESA/NIOSH pesticide respirator where dust conditions exist.

**SKIN PROTECTION (HAND AND ARM):** PVC or rubber gloves.

**SKIN PROTECTION (FEET):** Rubber boots.

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**SKIN PROTECTION (BODY):** Overalls and impermeable apron made from viton.

**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.

### FIRST AID DATA

**FIRST AID (INHALATION):** Remove to fresh air. If not breathing, give artificial respiration. Obtain medical attention IMMEDIATELY.

**FIRST AID (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.

**FIRST AID (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.

**FIRST AID (EMERGENCY MEDICAL CARE):** This product is a strong Cholinesterase inhibitor. Atropine is antidotal; 2-PAM is also antidotal and should be used in conjunction with atropine.

**FIRST AID (EYES):** In case of contact, immediately flush eyes with plenty of water for 5 - 10 minutes and get medical attention.

### OTHER INFORMATION

**SPECIAL SHIPPING INFORMATION:** Observe applicable shipping and handling regulations. See "Product Identification" for TDG classification.

**ADDITIONAL INFORMATION:** 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.

### TRANSPORT OF DANGEROUS GOODS DATA

<b>SHIPPING NAME:</b>	NOT REGULATED		
<b>CLASSIFICATION:</b>	Not Applicable	<b>P.I.N.:</b>	Not Applicable
<b>PACKING GROUP:</b>	Not Applicable		

### PREPARATION DATA

<b>PREPARATION DATE:</b>	9/01/2009	<b>PREPARED BY:</b>	Wayne Eastveld
<b>DEPARTMENT:</b>	Laboratory		
<b>PHONE NUMBER:</b>	(204) 233-3461		