

MSDS Number: 331

**Agrichem (International) Limited**

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**Material Safety Data Sheet****SECTION 1 Identification of Product Name and Company**Product Name: **Premier Amenity Selective**

Synonyms: H242

Intended Use: Agricultural herbicide for control of broad leaved weeds in cereals, established grass and amenity grassland.

**SECTION 2 Composition/Information on Ingredients**

Formulation: Aqueous solution of sodium and potassium salts.

<u>IUPAC Names:</u>	<u>CAS Numbers:</u>	<u>Concentration:</u>
<i>R</i> - 2-(4-chloro-2-methyl phenoxy) propionic acid (mecoprop P)	16484 - 77 - 8	240.2 g/L
4-chloro-2-methylphenoxy) acetic acid (MCPA)	94 - 74 - 6	125.8 g/L
3,6 dichloro-2-methoxybenzoic acid (dicamba)	1918 - 00 - 9	20.4g/L

**SECTION 3 Hazards Identification**

IRRITATING to skin.  
RISK OF SERIOUS DAMAGE  
to eyes.

**IRRITANT****SECTION 4 First Aid Measures**First Aid

Inhalation: Remove patient from exposure and rest. Seek medical attention.

Ingestion: Rinse mouth . Do not induce vomiting, seek medical attention.

Skin Contact: Wash thoroughly with soap and cold water, decontaminate affected clothing.

Eye Contact: Irrigate with clean water for at least 15 minutes. Seek medical advice.

Guide to Doctor: Treat as for Phenoxyacetate poisoning. Symptoms include hypersalivation, stomach cramps, vomiting and diarrhoea. No specific antidotes, treat symptomatically.

**SECTION 5 Fire Fighting Measures**

Fumes may be toxic.  
Extinguish with water, foam or CO<sub>2</sub>.  
Contain run off material which may be toxic to wildlife.

**SECTION 6 Accidental Release Measures**

Spillage and Decontamination: Absorb spillage onto sand or earth and dispose of via reputable contractor or local authority. Wear suitable protective clothing.

Do not allow product to enter watercourse.

NB. Inform local Water PLC immediately if spillage enters drains, and report any contamination of surface water or ground waters to the National Rivers Authority or River Purification Board.

**SECTION 7 Handling and Storage**

Handling: (special protection information) Wear suitable protective gloves (nitrile or rubber), chemical splash goggles and approved respiratory equipment when handling the concentrate.

Storage: Store in a suitable pesticides store.  
Store and load away from foodstuffs, fertilizers and seeds.  
Keep in original container, tightly closed in a safe place.

Packaging: 5 litre jerricans 4 x 5 per outer and 10L freestanding drums(HDPE).

**SECTION 8 Exposure Controls/Personal Protection**

Avoid eye and skin contact.  
Wash concentrate from skin or eyes immediately.  
When using do not eat, drink or smoke,  
Wash hands and exposed skin before meals and after work.  
Wash protective clothing after use.  
Keep away from food, drink and animal feeding stuffs.  
Keep out of reach of children.  
Do not re-use container for any other purpose.

**SECTION 9 Physical and Chemical Properties**

Appearance:	Clear brown liquid	Auto Ignition Temperature:	
Odour:	distinctive phenoxy odour	Solubility in Water:	fully miscible in water
Melting Point:		Solubility in Organic Solvents:	
Boiling Point:			
pH:	10.5 - 12.00		
Flash Point:	not applicable		
Explosion Limits:			
L.E.L.			
U.E.L			
Density:	1.0 g/ml at 20 °C		
Vapour Density:			
Vapour Pressure:			

**SECTION 10 Stability and Reactivity**

Stable under ambient conditions, non corrosive.

Incompatibility (conditions to avoid):

Stability (conditions to avoid):

Hazardous combustion or decomposition product:

Hazardous polymerisation (conditions to avoid):

**SECTION 11 Toxicological Information**

Inhalation: Mecoprop-P (a.i.): irritant to mucous membranes and lungs

Inhalation LC<sub>50</sub>: Mecoprop-P (a.i.): (LC 50 rat) > 5.6 mg/L (4 hour)  
MCPA (a.i.): (rat) > 6.36 mg/L (4 hour)  
dicamba (a.i.): (rat) 9.6 mg/L (4 hour)

Oral LD<sub>50</sub>: (rat) 2700 mg/kg (calculated)

Skin Contact: mecoprop (a.i.): irritant  
MCPA (a.i.): irritant  
dicamba (a.i.): non-irritant

Dermal LD<sub>50</sub>: not obtained

Eye Contact: Severe irritant Risk of serious damage to eyes.

Mutagenic Data: mecoprop -P (a.i.): none mutagenic, none oncogenic  
MCPA (a.i.): not mutagenic  
dicamba (a.i.):

T.L.V:

L.CLo.

L.DLo:

**SECTION 12 Ecological Information**

Harmful to flora and fauna if misused  
Harmful to fish  
MCPA (a.i.): harmful to fish  
Mecoprop-P (a.i.): toxic to fish (trout) LC<sub>50</sub> between 150 and 220 mg/L 96h  
dicamba (a.i.): (rainbow trout) LC<sub>50</sub> 135 mg/L 96 hour

### **SECTION 13 Disposal Considerations**

Waste Disposal: (including containers) By incineration in accordance with the current UK legislation.  
Wash out container thoroughly and dispose of safely.  
For minor incidents or unwanted product follow the guidance of the disposal of pesticides and containers as given in part 5 of the MAFF/HSE Pesticide Code of Practice for the safe use of Pesticides on Farms and Holdings.

### **SECTION 14 Transport Information**

**UN Number:**

**Packing Group:**

#### **Sea**

IMDG Class-primary: Not classified

Proper Shipping Name:

EMS Number:

MFAG Table Number:

#### **Road/Rail**

CDGCPL 2 (1996): Not classified

CDG (road) 1996:

ADR/RID:

Tunnel Restrictions:

DOT:

TREMCARD No:

#### **Air**

IACO:

### **SECTION 15 Regulatory Information**

MAPP no: 10098

### **SECTION 16 Other Information**

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The purpose of the Material Safety Data Sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regards to materials, properties or use.