

PRODUCT SAFETY DATA SHEET

HEADLAND PROMPT

1. Identification of the Product and the Company

Product Name: HEADLAND PROMPT

A herbicide for use in agriculture

Contact Points:

In all cases of emergency and for further advice, contact

Headland Agrochemicals Ltd

Rectors Lane

Pentre

Deeside

Flintshire CH5 2DH

Tel: +44(0) 1244 537370

Fax: +44(0) 1244 532097

E-Mail: enquiry@headlandgroup.com

2. Hazards:

Harmful if swallowed. Irritating to skin.

Risk of serious damage to eyes. Toxic to aquatic organisms.

EU Classification Xn (Harmful), N (Dangerous for the Environment)

3. † Composition:

Ingredient	CAS No	Conc'n	Class'n	Risk Phrases
Mecoprop-p	16484-77-8	46.3% w/w	Xn, N	R22, R41 R51/53
Dicamba	1918-00-9	6.5% w/w	Xi	R36, R52/53
KOH	1310-58-3	14-1 % w/w	C	R22, R35

4. † First Aid Measures:

Eyes: Irrigate gently with clean water including under the eyelids for at least 15 minutes. Seek medical advice.

Skin: Remove contaminated clothing. Wash the area immediately with clean gently flowing water for 15 minutes. Wash contaminated clothing before re-use. Seek medical advice if any irritation persists.

Ingestion: If conscious, rinse out mouth..
Keep patient at rest and obtain medical attention/send to hospital immediately. Do NOT induce vomiting.

Inhalation: Remove from exposure and provide maximum ventilation
If there is coughing or difficulty breathing, keep at rest in a position of maximum comfort. Seek medical advice if symptoms persist.

Guide to

Doctors: Treatment should be symptomatic and supportive.

5. † Fire Fighting Measures

Headland Prompt will not burn. If involved in a fire, decomposition fumes and vapours will be toxic. Fire fighters should wear breathing apparatus.

Extinguishing media: Use dry chemical, foam, water spray, carbon dioxide, sand or earth. Avoid high-pressure water jets. Prevent entry of the product or contaminated water into watercourses ditches or drains by bunding the area with sand or earth if possible.

6. † Accidental Release (Spillage)

Wear suitable protective clothing (see Section 8). Remove contaminated clothing immediately. Do not eat drink or smoke. Keep bystanders away. Absorb the spill onto a suitable absorbent (sand, silica gel, universal binder, sawdust or earth). Transfer to a labelled container for removal to a safe place for disposal as hazardous waste.

Flush the area with plenty of water when all the spillage has been removed. Prevent the spillage from entering watercourses sewers or drains. Inform the authorities if contamination of waterways, sewers or drains is threatened or occurs.

7. Storage and Handling

Keep in original container, tightly closed.

Keep cool and dry in a suitable agricultural chemical store under lock and key. Keep away from food, drink and animal feedingstuffs and out of reach of children.

Avoid contact with skin, eyes or clothing. Avoid breathing vapours.

8. † Personal Protection

Wear coveralls, suitable protective gloves (neoprene or nitrile) and face-shield or goggles when handling the concentrated product or contaminated surfaces and dealing with spillages. Wear suitable respiratory equipment in cases of insufficient ventilation.

Decontaminate all personal protective equipment after use.

Occupational Exposure Limits:

Mecoprop-p: None assigned.

Dicamba: None assigned.

KOH: Short-term = 2mg/m³ (15 minute ref. period)

9. † Physical and Chemical Properties

Appearance: a brown liquid

Odour: characteristic phenolic odour

pH: 9.6

Boiling point/range: 112°C

Flashpoint: > 200°C

Viscosity (dynamic): 72.8 mPa.s

Surface tension: 71.9 mN/m

Specific Gravity: 1.3

10. † Stability and Reactivity

Stability: Very stable. Stores for at least 2 years in original containers in normal agricultural chemical storage conditions. Avoid extremes of temperature.

Reactivity: Avoid contact with strong acids, bases and oxidising agents.

Decomposition: may generate carbon and nitrogen oxides and hydrogen chloride.

11. † Toxicological Information

Acute Toxicity:

Acute oral LD50 (mecoprop-p):	431-1050 mg/kg.bw (rat)
Acute oral LD50 (dicamba):	>1707 mg/kg.bw (rat)
Acute dermal LD50 (mecoprop-p):	>4000 mg/kg.bw (rabbit)
Acute dermal LD50 (dicamba):	>2000 mg/kg.bw (rabbit)
Inhalation LC50 (mecoprop-p):	> 5.6 mg/l over 4 hours (rat)
Inhalation LC50 (dicamba):	4.46 mg/l over 4 hours (rat)
Irritancy:	Irritating to skin Risk of serious damage to eyes
Sensitisation:	Not a skin sensitiser

12. † Environmental Protection

Toxicity to birds:	497 mg/kg.bw (mecoprop-p) 2000 mg/kg.bw (8-day) (dicamba)
Toxicity to bees:	Non-toxic to bees
Toxicity to fish:	96-hr LC50 >100 mg/l (mecoprop-p) 96-hr LC50 135.4 mg/l (dicamba)
Toxicity to <i>Daphnia</i> :	48-hr EC50 >91 mg/l (mecoprop-p) 48-hour EC50 110.7 mg/l (dicamba)
Toxicity to algae:	72-hr EC50 16.2mg/l (mecoprop-p) 72-hr EC50 >3.7 mg/l (dicamba)
Persistence and biodegradability:	Soil DT50 = 6.3-8.2 days (mecoprop-p) Soil DT50 – 2.1-8 days (dicamba)
Bioaccumulation potential:	No data is available.

13. † Disposal of Unwanted Product and Used Containers

Consult the local authorities before disposing of unwanted chemical. Triple-rinse containers and dispose of as permitted by local authorities. Do not re-use containers for any purpose.

14. Transport Information

Road Transport:	Not classified
UN Number:	None
Proper Shipping Name:	N/A
UN Class:	Not classified
CPL Packing Group:	N/A
ADR/RID Description:	N/A
IMDG Class:	Not classified

15. † Regulatory Information

Hazard Symbols:	Harmful Xn, Dangerous for the Environment N
Risk Phrases:	

R22	Harmful if swallowed
R38	Irritating to skin
R41	Risk of serious damage to eyes
R51/53	Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.
Safety Phrases:	
S2	Keep out of reach of children.
S13	Keep away from food, drink and animal feedingstuffs
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection
S46	If swallowed seek medical advice immediately and show the container or label.
S61	Avoid release into the environment. Refer to special instructions / safety data sheets

16. Other Information

The above information is intended to give health and safety guidance on the storage and transport of the substance or product to which it relates. It is not intended to apply to the use of the product, for which purpose the product label and any appropriate technical usage literature available should be consulted and any relevant licences, consents or approvals complied with. The requirements or recommendations of any relevant site or working procedure, system or policy in force or arising from any risk assessment involving the substance or product should take precedence over any of the guidance contained in this safety data sheet where there is a difference in the information given.

The information provided in this safety data sheet is accurate to the best of the issuer's available knowledge at the date of publication, and will be updated as and when appropriate. No liability will be accepted for any loss or damage resulting from any failure to take account of information or advice contained in this safety data sheet.

Headland Prompt is approved by the Chemicals Regulation Directorate for use as a herbicide.

Registration No. MAPP 11948

Headland is a registered trademark.

Prompt is a trademark

Revised:	December 2010
Replaces issue dated:	November 2009
Sections updated since last issue:	marked † in margin.