

1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product name: 'Intrepid'
MAFF No: 07819

Company: Miracle Professional
 Salisbury House
 Weyside Park
 Catteshall Lane
 Godalming
 Surrey GU7 1XE



HARMFUL

Phone number: 01483 410210
Emergency phone: 01865 407333

2. COMPOSITION/INFORMATION ON INGREDIENTS

A selective post emergent turf herbicide.

An aqueous solution containing 330 g/l dichlorprop, 166.5 g/l MCPA and 20.8g/l dicamba

Hazardous ingredient(s)	CAS No.	g/l	Symbol	R Phrases
Salts of dichlorprop	100063-57-8	330	Xn	R20/21/22
Salts of MCPA	5221-16-9	166.5	Xn	R20/21/22
Salts of dicamba	10007-85-9	20.8	Xn	R20/21/22

3. HAZARDS IDENTIFICATION

Harmful.

Risk of serious damage to eyes.

Irritating to skin and may cause skin sensitisation by skin contact.

Harmful to fish.

4. FIRST-AID MEASURES

Inhalation Remove patient from exposure, keep warm and at rest.

Obtain medical attention as a precaution.

Skin Contact Take off immediately all contaminated clothing. Wash skin immediately with water, followed by soap and water. Such action is essential to minimise contact with skin. Contaminated clothing should be laundered before re-use. If symptoms occur obtain medical attention.

Eye Contact Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 15 minutes. Obtain medical attention if irritation persists.

Ingestion If swallowed seek medical advice immediately and show the container, label or this Data Sheet, if possible.
Do not induce vomiting.

Medical Advice: Symptomatic treatment and supportive therapy as indicated.

5. FIRE-FIGHTING MEASURES

Keep fire exposed containers cool by spraying with water.

Extinguishing media

Small fires: use foam, carbon dioxide or dry powder extinguishant.

Large fires: use foam or water-fog; avoid use of water jet. Contain run-off water with, for example, temporary earth barriers.

Protective Equipment:

Self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Ensure suitable personal protection during removal of spillages. This means wearing eye protection, chemically resistant gloves, boots and coveralls.

Clean up methods: Absorb spillages onto sand, earth or any suitable absorbent material. Transfer to a container for disposal. Wash the spillage area with water. Washings must be prevented from entering surface water drains.

Spillages or uncontrolled discharge into water courses must be alerted to the appropriate regulatory body.

7. HANDLING AND STORAGE

7.1 Handling

Read the label before use.

Avoid contact with skin and eyes. Do not breathe spray. When using do not eat, drink or smoke. Wash face and hands before eating, drinking or smoking.

7.2 Storage

Keep in original container, tightly closed, out of reach of children. Keep away from food, drink and animal feeding stuffs. Protect from extremes of temperature. Protect from frost.

Storage Life: Physically and chemically stable for at least 2 years when stored in the original unopened sales container at ambient temperatures.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protection: Not required when used as directed on the label.

Occupational Exposure Limits: Not applicable to field use.

Hazardous ingredient(s)	LTEL 8hr TWA		STEL		Time min
	ppm	mg/m ³	ppm	mg/m ³	
None Assigned					

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	liquid	Colour:	clear dark brown
Odour:	slightly phenolic	pH (Value)	9 - 11
Boiling point (°C):	> 100	Melting point (°C):	not available
Auto Ignition Temp (°C):	not available	Flash Point (°C):	does not flash
Explosive Properties:	not applicable	Oxidising Properties:	not applicable
Vapour Pressure (mm Hg):	negligible	Solubility (Water):	soluble
Partition Coefficient:	not available	Density (g/ml):	1.15 - 1.35 at 20°C

10. STABILITY AND REACTIVITY

Hazardous Decomposition Product(s): Combustion or thermal decomposition will evolve toxic and irritant vapours.

11. TOXICOLOGICAL INFORMATION

Inhalation:	Harmful by inhalation
Skin Contact:	Irritating to skin. May cause skin sensitisation. Dermal Median Lethal Dose >4000 mg/kg (rabbit)
Eye Contact:	Severe eye irritant. May cause serious damage to eyes.
Ingestion:	<i>Harmful if swallowed.</i> Oral Median Lethal Dose 1350 mg/kg (male rat) and 2193 mg/kg (female rat).

12. ECOLOGICAL INFORMATION

Toxicity: Toxic to broad leaved plants.
LC₅₀ (96hr) rainbow trout >135 mg/l.

13. DISPOSAL CONSIDERATIONS

Do not contaminate ponds, waterways or ditches with chemical or used containers. Product concentrate, diluted product and empty containers must be disposed of as detailed in the Code of Practice for the Use of Approved Pesticides in Amenity and Industrial Areas (NAAC/NTC). Empty containers should not be used for other purposes.

Disposal should be in accordance with local, state or national legislation.

14. TRANSPORT INFORMATION

Not classified as Dangerous for Transport.

15. REGULATORY INFORMATION

Classification:	HARMFUL/ IRRITANT	
Hazard Symbol:	Xn	
Risk Phrases:	R22	Harmful if swallowed.
	R36/38	Irritating to skin and eyes.
	R41	Risk of serious damage to eyes.
	R43	May cause skin sensitisation by skin contact.
Safety Phrases	S2	Keep out of reach of children.
	S13	Keep away from food, drink and animal feeding stuffs.
	S20/21	When using do not eat, drink or smoke.
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S36/37	Wear suitable protective clothing and gloves.
	S44	If you feel unwell seek medical advice (show label where possible).
	SO53	Do not reuse container, keep tightly closed in a safe place.

This product has been labelled in accordance with the Control of Pesticides Regulations, 1986. Users should ensure that they comply with any relevant local or national legislation.

The (COSHH) Control of Substances Hazardous to Health Regulations 1994 may apply to the use of this product at work.

16. OTHER INFORMATION

Product packed in 5 or 10 litre HDPE containers.

Use: For control of broad-leaved weeds in amenity turf..

'Intrepid' is a trade mark of Miracle Garden Care Limited.

The information on this sheet is not a specification, it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage and use of the product. It is not applicable to unusual or non-standard uses of the product nor where instructions or recommendations are not followed.