

SAFETY DATA SHEET



Product Name: INTREPID 2 **Reference No:** 361
Version No.: 1 **Revision Date:** - **Date of Introduction:** June 2003

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

Product Name INTREPID 2
Common name of active ingredient Dichlorprop-P, MCPA, Dicamba
Intended use For use only as a Horticultural Herbicide
Company Identification **Scotts UK Professional**
The Scotts Company (UK) Ltd
Paper Mill Lane
Bramford, Ipswich **Telephone +44 (0) 1473 830492**
Suffolk, IP8 4BZ
Emergency Telephone 01865 407333 (24hr)

2. COMPOSITION / INFORMATION ON INGREDIENTS

JBA No: 019433
NPK: Not applicable

Chemical Characterisation

<u>Chemical name</u>	<u>CAS-No</u>	<u>EINECS/ELINCS</u>	<u>Classification</u>	<u>Concentration</u>
Salts of Dichlorprop-P	-	-	Xn: R21, R22, Xi: R38, R41, R43	14.1%w/w
Salts of MCPA	5221-16-9	226-015-4	Xn: R22, R38, R41	14.1%w/w
Salts of Dicamba	10007-85-9	233-002-7	Xn: R22, Xi: R41, R52, R53	1.76%w/w

3. HAZARDS IDENTIFICATION

Physicochemical: Not classified

Health:



HARMFUL

General

Ingestion

Harmful if swallowed.

Eye contact

Risk of serious damage to eyes.

Skin contact

Irritating to skin. May cause sensitisation by skin contact.

Inhalation

Avoid unnecessary inhalation

Environmental: DO NOT CONTAMINATE SURFACE WATERS OR DITCHES with chemical or used container.

4. FIRST AID MEASURES

General information

Inhalation

Remove patient from source of 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 necessary 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.

Ingestion

If swallowed seek medical advice immediately and show the container, label or this data sheet if possible. **Do not induce vomiting.**

5. FIRE FIGHTING MEASURES

General hazard	Non-flammable.
Extinguishing media	Foam, water fog, carbon dioxide or dry powder extinguishant.
Extinguishing media to avoid	Strong water jet.
Special exposure hazards	None known
Protective equipment	Self-contained breathing apparatus and suitable protective clothing.
Further information	Keep fire exposed containers cool by spraying with water. Contain fire water run-off with, for example, temporary earth barriers.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up	Ensure suitable personal protection during removal of spillages – see section 8. Absorb spillages onto sand, earth or any suitable absorbent material. Transfer to a labelled container for disposal (see also section 13). Wash the spillage area with water. Washings must be prevented from entering surface water drains.
Environmental considerations	Spillages or uncontrolled discharge into watercourses must be alerted to the appropriate regulatory body.

7. HANDLING & STORAGE

Advice on safe handling	Handle in accordance with good hygiene and safety practice. Read the label before use.
Storage conditions	Keep away from food, drink and animal feeding stuffs. Keep out of reach of children. Keep in original container, tightly closed in a safe place. Protect from extremes of temperature. Protect from frost.
Shelf 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

Exposure controls	There are no Occupational Exposure Limit values available.
Engineering controls	Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment.
Personal protection	Wear suitable protective gloves and face protection (face shield) when handling the concentrate. Wear suitable protective gloves during application. However, engineering controls may replace personal protective equipment if a COSHH assessment shows that they provide a higher standard of protection. In case of accidental spillage of bulk product, wear personal protective equipment appropriate to the task (see below)
Eye protection	Faceshield, BSEN1664F.
Skin protection	Nitrile gloves.
Respiratory protection	Respirator, EN149:2001FFP3.
Other protection	Protective overall and rubber boots.

9. PHYSICAL & CHEMICAL PROPERTIES

Physical form	Liquid
Colour	Clear dark brown
Odour	Slightly phenolic
pH	9 - 11
Boiling pt / range	>100°C
Flash point	Does not flash
Autoflammability	Not available.
Density	1.15 – 1.35g/ml at 20°C
Water solubility	Soluble
Additional information	None

10. STABILITY & REACTIVITY

Stability	Stable under normal storage conditions.
Conditions to avoid	Extremes of temperature.
Material to avoid	None known.
Hazardous reactions	None known.
Hazardous decomposition products	Combustion or thermal decomposition will evolve toxic and irritant vapours.
Further information	None.

11. TOXICOLOGICAL INFORMATION

Acute toxicity	Oral LD ₅₀ (by calculation)	2000mg/kg (approximately) from related dichlorprop formulation
	Dermal LD ₅₀	Rabbit >4000mg/kg
	Inhalation LC ₅₀	No data available for the product.
Skin contact	Irritating to skin. May cause sensitisation by skin contact.	
Eye	Severe eye irritant. May cause serious damage to eyes.	
Further information	None.	

12. ECOLOGICAL INFORMATION

Toxicity	LC ₅₀ (96hr) rainbow trout >135mg/l.
Degradability	No data available for the product.
Further information	Do not allow to get into waste water or waterways. In the event of spillage or uncontrolled discharge into watercourses immediately inform the relevant regulatory bodies.

13. DISPOSAL CONSIDERATIONS

Advice on disposal	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 any other purposes. Disposal should be in accordance with local, state or national legislation.
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14. TRANSPORT INFORMATION

United Nations number	Not classified as Dangerous for Transport.
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15. REGULATORY INFORMATION

Classification & labelling

HARMFUL

This Safety Data Sheet does not form part of the label approved under the Control of Pesticide Regulations 1986.

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

Safety data sheet available for professional user on request.

To avoid risks to man and the environment, comply with the instructions for use.



HARMFUL

Current registration no.

MAPP 11594

Risk phrases

HARMFUL IF SWALLOWED
IRRITATING TO SKIN
RISK OF SERIOUS DAMAGE TO EYES.
MAY CAUSE SENSITISATION BY SKIN CONTACT.

Safety phrases / precautions
(from the label)**Operator protection.**

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment.

WEAR SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) when handling the concentrate.

WEAR SUITABLE PROTECTIVE GLOVES during application.

However, engineering controls may replace personal protective equipment if a COSHH assessment shows that they provide a higher standard of protection.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

WASH CONCENTRATE FROM SKIN OR EYES IMMEDIATELY.

DO NOT BREATHE SPRAY.

WASH HANDS AND EXPOSED SKIN before eating, drinking or smoking.

IF YOU FEEL UNWELL, seek medical advice (show the label where possible).

Environmental protection.

DO NOT CONTAMINATE SURFACE WATERS OR DITCHES with chemical or used container.

Storage and disposal

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

KEEP OUT OF REACH OF CHILDREN.

KEEP IN ORIGINAL CONTAINER, tightly closed in a safe place.

WASH OUT CONTAINER THOROUGHLY, empty washings in spray tank and dispose of safely.

DO NOT RE-USE CONTAINER for any purpose.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

If swallowed, seek medical advice immediately and show this container or label.

Do not breathe spray.

Use only in well-ventilated areas.

16. OTHER INFORMATION**Further information**

The Control of Substances Hazardous to Health Regulations (COSHH) may be applicable to the use of this product.

Risk phrases referred to in section 2 for composite ingredients.

R21: Harmful in contact with skin.

R22: Harmful if swallowed.

R38: Irritating to skin.

R41: Risk of serious damage to eyes.

R43: May cause sensitisation by skin contact.

R52: Harmful to aquatic organisms.

R53: May cause long-term adverse effects in the aquatic environment.

For further advice authorised persons (e.g. doctor) may contact the National Poisons Information Service Centre:

UK National number: 0870 600 6266

Eire (Dublin) 00 3531 8379964 or 00 3531 8379966

Sources of data

EH40/2002 and other suppliers' safety data sheets

Date of issue

June 2003

The information on this sheet is not a specification and 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.