



SAFETY DATA SHEET

According to EC Directive 2001/58/EC

Print date: 23-Jan-2006

Revision Number: 0

Revision date: (invalid date)

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

Identification of the substance or preparation

MSDS Ref. No.: SCSDS361
Product name: Intrepid 2

Use of the Substance/Preparation

Recommended use: For use only as a horticultural herbicide.

Company/Undertaking Identification
Emergency telephone number:

- Scotts UK Professional, Paper Mill Lane, Bramford, Ipswich, Suffolk IP8 4BZ United Kingdom
- ++44 (0) 1473 201 100

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature of the preparation

Components	CAS-No	Weight %	EC-No.	Classification
Potassium hydroxide	1310-58-3	5 - 10%	019-002-00-8	C;R35 Xn;R22
Dichlorprop-P	15165-67-0	10 - 25%	607-218-00-0	Xi;R41 Xn;R22
Dicamba	1918-00-9	1 - 5%	607-043-00-X	R52/53 Xi;R41 Xn;R22
MCPA (Potassium salt)	5221-16-9	10 - 25%	226-015-4	Xn;R22-38-41

For the full text of the R phrases mentioned in this Section, see Section 16

3. HAZARDS IDENTIFICATION

Classification

Xn - Harmful

Most important hazards

Revision date: (invalid date)

Page 1 of 6

Harmful if swallowed.
Risk of serious damage to eyes.
Irritating to skin.
May cause sensitization by skin contact.

4. FIRST AID MEASURES

- General advice:** In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
- Ingestion:** If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting.
- Inhalation:** Move to fresh air. If symptoms persist, call a physician.
- Skin contact:** Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use. If skin irritation persists, call a physician.
- Eye contact:** In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media:**
Water spray mist or foam, carbon dioxide (CO₂), dry powder.
- Unsuitable extinguishing media:**
High volume water jet
- Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases:**
Thermal decomposition can lead to release of irritating gases and vapours.
- Special protective equipment for firefighters:**
Use personal protective equipment. Self-contained breathing apparatus and suitable protective clothing.
- Specific methods:**
Collect contaminated fire extinguishing water separately. This must not be discharged into drains

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions:**
Avoid contact with skin and eyes. Use personal protective equipment.
- Environmental precautions:**
Do not allow material to contaminate ground water system. Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained.
- Methods for cleaning up:**
Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. After cleaning, flush away traces with water.

7. HANDLING AND STORAGE

Handling:

Technical measures/precautions:	Read and follow label instructions.
Safe handling advice:	Avoid contact with skin and eyes. Do not breathe vapours or spray mist. When using do not eat or drink. When using do not smoke. Wash off splashes (immediately).
Storage:	
Technical measures/storage conditions:	Store in original container. Keep container tightly closed. Keep out of reach of children. Keep away from food, drink and animal feeding stuffs. Protect from extremes of temperature.
Incompatible products:	None known
Specific use(s):	No information available
Verband der Chemischen Industrie (VCI):	Exempt
Risk classification according to VbF (Germany)	Exempt

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:	Read and follow label instructions
<u>Occupational exposure controls</u>	
<u>Personal protective equipment</u>	
Respiratory protection:	Respirator with FFP3 filter.
Hand protection:	Protective gloves.
Eye/face protection:	Face-shield.
Skin and body protection:	Wear suitable protective clothing.
Hygiene measures	Avoid contact with skin and eyes. Wash hands before stopping and immediately after handling.. When using, do not eat, drink or smoke.

Exposure limit values

Potassium hydroxide

Austria - MAKs	2 mg/m ³ MAK
Czech Republic OEL	Listed
Finland - Occupational Exposure Limits - 8 hour	2 mg/m ³ TWA
France - Valeurs Limites d'exposition (VLE)	2 mg/m ³ VLE

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Physical State:	Liquid
Color:	Clear, Dark brown
Odor:	Slight, phenolic

Important Health Safety and Environmental Information

pH:	9 - 11
Boiling point/range:	>100 (°C)
Flash point:	Does not flash
Density:	1.15 - 1.35g/ml at 20 degrees C
Solubility:	Soluble

Other information**10. STABILITY AND REACTIVITY**

Stability:	Stable under recommended storage conditions.
Conditions to avoid:	Extremes of temperature and direct sunlight..
Materials to avoid:	None known.
Hazardous decomposition products:	Thermal decomposition can lead to release of irritating gases and vapours..

11. TOXICOLOGICAL INFORMATION**Component information***Dicamba*

LD50/oral/rat =	1707mg/kg
LD50/dermal/rabbit =	>2000mg/kg
LC50/inhalation/4h/rat =	>9.6mg/l

MCPA (Potassium salt)

LD50/oral/rat =	> 2000 mg/kg
------------------------	--------------

Product information

LD50/dermal/rabbit =	>4000mg/kg
LD50/oral/rat =	2000mg/kg (approximately) from related dichlorprop formulation.

Local effects

Skin effects:	Irritating to skin.
Eye effects:	Risk of serious damage to eyes.
Inhalation:	No information available.
Ingestion:	Harmful if swallowed.
Sensitization:	May cause sensitization by skin contact.

12. ECOLOGICAL INFORMATION

Product information

Aquatic toxicity:

LC50/96h/rainbow trout = >135mg/l

Component information

*Dicamba***Ecotoxicity effects**

EC50/48h/daphnia =110mg/l

LC50/96h/rainbow trout = >135mg/l

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods:Do not contaminate ponds, waterways or ditches with chemical or used container..
Dispose of in accordance with local regulations and national regulations.**Contaminated packaging:**

Do not re-use empty containers. Use up product completely. Packaging material is industrial waste. Dispose of in accordance with local regulations and national regulations.

14. TRANSPORT INFORMATION

Product information

Physical State:

Liquid

ADR/RID**UN-No:**

Not classified for transport

IATA**UN-No:**

Not classified for transport

IMO / IMDG**UN-No:**

Not classified for transport

15. REGULATORY INFORMATION

Indication of danger:

Xn - Harmful.

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

Xn

**R -phrase(s)**

R22 - Harmful if swallowed.
R38 - Irritating to skin.
R41 - Risk of serious damage to eyes.
R43 - May cause sensitization by skin contact.

S -phrase(s)

S 2 - Keep out of the reach of children.
S23 - Do not breathe vapour.
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S49 - Keep only in the original container.
S51 - Use only in well ventilated areas.
S37/39 - Wear suitable gloves and eye/face protection.
Do not breathe spray. Keep away from food, drink and animal feeding stuffs.

Registration number UK/Eire

MAPP 11594

16. OTHER INFORMATION**Text of R Phrases mentioned in Section 2**

R22 - Harmful if swallowed.
R35 - Causes severe burns.
R38 - Irritating to skin.
R41 - Risk of serious damage to eyes.
R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Reason for revision:

Not applicable

Prepared by:

Regulatory Affairs Department.

This information contained herein is, to the best of Scott's knowledge and belief, accurate and reliable as of the date of preparation of this document. However, no warranty or guarantee, express or implied, is made as to the accuracy or reliability, and Scotts shall not be liable for any loss or damage arising out of the use thereof. No authorization is given or implied to use any patented invention without a license. In addition, Scotts shall not be liable for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the product

End of Safety Data Sheet