



Material Safety Data Sheet

According to EC Directive 1907/2006

Print date: 15-Jan-2008

Revision Number: 0

Revision date:

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

Identification of the substance or preparation

MSDS Ref. No.: 012006
 Product name: BugClear Ultra Vine Weevil Killer
 Product code: 3204 / CEL 26521A
 GIFAP Code: SL Soluble concentrate

Use of the Substance/Preparation

Recommended use: Insecticide.

Company/Undertaking Identification

- The Scotts Company (UK) Ltd, Salisbury House, Weyside Park, Catteshall Lane, Godalming, Surrey, GU7 1XE, United Kingdom

Emergency telephone number: • ++44 (0) 1865 407333

Email: INFO-MSDS@Scotts.com

2. HAZARDS IDENTIFICATION

Classification

The product is non-dangerous in accordance with Directive 1999/45/EC

Most important hazards

None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature of the preparation

Components	CAS-No	Weight %	EC-No.	Classification
Acetamiprid	135410-20-7	< 1%	N.A.	R52/53 Xn;R20/22
Aqueous dipropylene glycol solution of approx. 20% 1,2-benzisothiazolin-3-one	No CAS n°	< 1%	USA44	C;R34-22-43
Ethanol	64-17-5	1 - 5%	603-002-00-5	F;R11

Components	CAS-No	Weight %	EC-No.	Classification
Glycerol (Glycerin) 1,2,3-Propanetriol	56-81-5	5 - 10%	200-289-5	NE

NE = Non-Established

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

4. FIRST AID MEASURES

General advice:	If you feel unwell, seek medical advice (show the label where possible).
Ingestion:	If swallowed, seek medical advice immediately and show this container or label.
Inhalation:	Move to fresh air.
Skin contact:	Wash off immediately with soap and plenty of water.
Eye contact:	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If eye irritation persists, consult a specialist.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	foam. Carbon dioxide (CO2). Powder. Water spray.
Unsuitable extinguishing media:	Not applicable
Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases:	does not flash . Danger of toxic gases in smoke in case of fire.
Special protective equipment for firefighters:	In the event of fire, wear self-contained breathing apparatus. The product is not flammable.
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. Keep people away from and leeward of spill/leak. Wear personal protective equipment.
Environmental precautions:	Do not flush into surface water or sanitary sewer system.
Methods for cleaning up:	Clean contaminated surface thoroughly. Flush with water.

7. HANDLING AND STORAGE

Handling:	
Technical measures/precautions:	Ensure adequate ventilation.

Safe handling advice:

Handle in accordance with good industrial hygiene and safety practice. When using, do not eat, drink or smoke. Wash hands and exposed skin after use / handling.

Storage:**Technical measures/storage conditions:**

Store in original container. Keep in a dry, cool place. Keep out of reach of children. Keep away from food, drink and animal feeding stuffs. Keep away from frost.

Incompatible products:

No information available

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:

Personal protective equipment is not normally required - gloves can be worn for personal hygiene. In case of accidental spillage of bulk product, wear personal protective equipment appropriate to the task (see below).

Occupational exposure controls**Personal protective equipment****Respiratory protection:**

Wear a mask of FFP2S at the minimum..

Hand protection:

Wear suitable gloves.

Eye/face protection

Safety glasses.

Skin and body protection:

Wear suitable protective clothing. Rubber boots.

Hygiene measures

Wash hands and exposed skin after use / handling.

Exposure limit values*Ethanol***Austria - MAKs**

1000 ppm MAK 1900 mg/m³ MAK

Belgium - 8 Hr VLE

1000 ppm TWA
1907 mg/m³ TWA

Czech Republic OEL

= 1000 mg/m³ TWA

Finland - Occupational Exposure Limits - 8 hour

1000 ppm TWA
1900 mg/m³ TWA

France - Valeurs Limites d'exposition (VLE)

5000 ppm VLCT
9500 mg/m³ VLCT

France INRS (VME)

1000 ppm VME
1900 mg/m³ VME

Germany TRGS900:

1900 mg/m³ 1000ml/ m³

Germany (DFG) - MAK

500 ppm MAK
960 mg/m³ MAK

Netherlands - OEL - MACs:

1000 mg/m³ MAC
500 ppm MAC

Norway - 8 h:

500 ppm TWA
950 mg/m³ TWA

Portugal - TWAs

1000 ppm TWA

Spain - Valores Limite Ambientales - VLE

1000 ppm VLA-ED
1910 mg/m³ VLA-ED

Sweden - OEL - 8 Hour

1000 mg/m³ LLV
500 ppm LLV

UK EH40 WEL:

1000 ppm TWA 1920 mg/m³ TWA

Glycerol (Glycerin) 1,2,3-Propanetriol

Belgium - 8 Hr VLE	10 mg/m ³ TWA
Finland - Occupational Exposure Limits - 8 hour	20 mg/m ³ TWA
France INRS (VME)	10 mg/m ³ VME
Germany (DFG) - MAK	50 mg/m ³ MAK
Netherlands - OEL - MACs:	10 mg/m ³ MAC
Portugal - TWAs	10 mg/m ³ TWA
Spain - Valores Limite Ambientales - VLE	10 mg/m ³ VLA-ED
UK EH40 WEL:	10 mg/m ³ TWA

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Physical State:	Liquid
Appearance:	Clear
Color:	Colourless
Odor:	Slight

Important Health Safety and Environmental Information**Other information**

pH:	6.62
Viscosity:	1.187 mm ² /s

10. STABILITY AND REACTIVITY

Stability:	Stable under recommended storage conditions.
Conditions to avoid:	No dangerous reaction known under conditions of use.
Materials to avoid:	No information available
Hazardous decomposition products:	No decomposition if stored normally

11. TOXICOLOGICAL INFORMATION

Component information*Acetamiprid*

LD50/oral/rat =	314 mg/kg
LC50/inhalation/8h/rat =	> 1.15 mg/L
LD50/dermal/rat =	> 2000 mg/kg

Product information

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

Local effects

Skin effects: No skin irritation.
Eye effects: No eye irritation.
Inhalation: No information available.
Ingestion: No information available.

12. ECOLOGICAL INFORMATION

Product information

Aquatic toxicity:

LC50/96h/rainbow trout = > 100 mg/L.
LC50/48h/daphnia = > 100 mg/L .
EC50/72h/algae = > 100 mg/L.

Component information

Acetamiprid

Ecotoxicity effects

EC50/48h/daphnia =49,8 mg/l
LC50/96h/rainbow trout =119,3 mg/l
EC50/72h/algae = < 98,5 mg/l

Additional ecological information:

Do not treat near to a watering place Recommended uses of this formulation poses low risk to birds, mammals as well aquatic organisms, bees and earthworms

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods:

Do not contaminate ponds, waterways or ditches with chemical or used container. Do not empty into drains. For the UK only:.. Dispose of empty container in the dustbin. Dispose of unused product in its container at a household waste site (civic amenity site). Contact your local council (local authority) for details.. For Ireland only:.. This material and its container must be disposed of in a safe way..

Contaminated packaging:

Do not re-use container for any other purpose and dispose of safely. . Dispose of in accordance with local regulations and national regulations.

14. TRANSPORT INFORMATION

Product information

Physical State: Liquid

14. TRANSPORT INFORMATION**ADR/RID****UN-No:** Not classified for transport**IATA****IMO / IMDG****UN-No:** Not classified for transport**15. REGULATORY INFORMATION****Indication of danger:**

Not dangerous.

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

S -phrase(s)

S 2 - Keep out of the reach of children.

S13 - Keep away from food, drink and animal feedingstuffs.

S29 - Do not empty into drains.

S46 - If swallowed, seek medical advice immediately and show this container or label.

Wash hands and exposed skin after use / handling. Keep in original container, tightly closed in a safe place. For the UK only: Dispose of empty container in the dustbin. Dispose of unused product in its container at a household waste site (civic amenity site). Contact your local council (local authority) for details. For Ireland only: This material and its container must be disposed of in a safe way.

Registration number UK/Eire

MAPP 13522

PCS No.: 02386

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

R11 - Highly flammable.

R22 - Harmful if swallowed.

R34 - Causes burns.

R43 - May cause sensitization by skin contact.

R20/22 - Harmful by inhalation and if swallowed.

R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Reason for revision:

*** Indicates changes since the last revision. This version replaces all previous versions

Revision date:*Page 6 of 7*

Prepared by:

Regulatory Affairs Department.

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End of Safety Data Sheet