



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.: 012005
 Product name: BugClear Ultra
 Product code: 3204 / CEL 26521 C
 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
Ethanol	64-17-5	1 - 5%	603-002-00-5	F;R11
Aqueous dipropylene glycol solution of approx. 20% 1,2-benzisothiazolin-3-one	No CAS n°	< 1%	USA44	C;R34-22-43

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:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:
foam. Carbon dioxide (CO₂). Powder. Water spray.

Unsuitable extinguishing media:
High volume water jet

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. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained.

Methods for cleaning up:
Soak up with inert absorbent material. Take up mechanically and collect in suitable container for disposal. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Handling:

7. HANDLING AND STORAGE

Technical measures/precautions:	Ensure adequate ventilation.
Safe handling advice:	Handle in accordance with good industrial hygiene and safety practice. Do not breathe vapours or spray mist. 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 with side-shields.
Skin and body protection:	Lightweight 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/m ³ MAK
Belgium - 8 Hr VLE	1000 ppm TWA 1907 mg/m ³ TWA
Czech Republic OEL	= 1000 mg/m ³ TWA
Finland - Occupational Exposure Limits - 8 hour	1000 ppm TWA 1900 mg/m ³ TWA
France - Valeurs Limites d'exposition (VLE)	5000 ppm VLCT 9500 mg/m ³ VLCT
France INRS (VME)	1000 ppm VME 1900 mg/m ³ VME
Germany TRGS900:	1900 mg/m ³ 1000ml/ m ³
Germany (DFG) - MAK	500 ppm MAK 960 mg/m ³ MAK
Netherlands - OEL - MACs:	1000 mg/m ³ MAC 500 ppm MAC
Norway - 8 h:	500 ppm TWA 950 mg/m ³ TWA
Portugal - TWAs	1000 ppm TWA
Spain - Valores Limite Ambientales - VLE	1000 ppm VLA-ED 1910 mg/m ³ VLA-ED

Sweden - OEL - 8 Hour	1000 mg/m ³ LLV	
	500 ppm LLV	
UK EH40 WEL:	1000 ppm TWA	1920 mg/m ³ 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 unused product in its container at a household waste site (civic amenity site). Contact your local council (local authority) for details.. Dispose of empty container in the dustbin. 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. .

14. TRANSPORT INFORMATION

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

This product does not have to be classified according to the EU regulations.
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.

S20/21 - When using, do not eat, drink or smoke.

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 it's container must be disposed of in a safe way.

Registration number UK/Eire

MAPP 12905

PCS No.: 02388

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.

16. OTHER INFORMATION**Reason for revision:**

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

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