



Material Safety Data Sheet

According to EC Regulation 1907/2006

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Revision Number: 1

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

Identification of the substance or preparation

MSDS Ref. No.: 3207
 Product name: Roseclear Ultra
 Product code: 3207 / UKS 048A
 GIFAP Code: EC emulsifiable concentrate

Use of the Substance/Preparation

Recommended use: Fungicide Insecticide

Company/Undertaking Identification
 Scotts France SAS
 21 Chemin de la Sauvegarde
 69134 Ecully
 Fax : 04 72 86 68 03

Emergency telephone number: 04 72 86 67 66
 CAP Lyon : 04 72 11 69 11 (24h) No ORFILA: 01.45.42.59.59

Email: INFO-MSDS@Scotts.com

2. HAZARDS IDENTIFICATION

Classification

Xi - Irritant

Most important hazards

Irritating to eyes.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature of the preparation

Components	CAS-No	Weight %	EC-No.	Classification
Triticonazole	131983-72-7	5 - 10%	NE	N;R51/53 Xi;R36

Components	CAS-No	Weight %	EC-No.	Classification
Acetamiprid	135410-20-7	1 - 5%	NE	R52/53 Xn;R20/22

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 plenty of water. Remove and wash contaminated clothing before re-use.
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:

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. carbon and nitrogen oxides. hydrochloric acid. hydrogen fluoride .

Special protective equipment for firefighters:

In the event of fire, wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

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. Take up mechanically and collect in suitable container for disposal.

7. HANDLING AND STORAGE

Handling:

Technical measures/precautions:

Ensure adequate ventilation.

Safe handling advice:	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes. 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.
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).
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Occupational exposure controls

Personal protective equipment

Respiratory protection:	Wear a mask of FFP2S at the minimum..
Hand protection:	Chemical resistant gloves.
Eye/face protection	Safety glasses with side shields or goggles.
Skin and body protection:	Lightweight protective clothing.
Hygiene measures	General industrial hygiene practice.

Exposure limit values

<u>Environmental exposure controls</u>	There are no Occupational Exposure Limits available.
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9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

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

Important Health Safety and Environmental Information

Flash point:	80 (°C)
Explosive properties:	Doesn't present explosion hazard

Other information

pH:	5.22 (1 % solution in water.)
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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

Triticonazole

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

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:	Irritating to eyes.
Inhalation:	No information available.
Ingestion:	No information available.

12. ECOLOGICAL INFORMATION

Product information

Aquatic toxicity:

LC50/96h/rainbow trout =	> 104 mg/l.
LC50/48h/daphnia =	>101mg/l .
EC50/72h/algae =	>100mg/l.
LD50 bee oral =	135µg/bee.
LD50 bee contact =	> 100µg/bee.

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

Do not treat near to a watering place.

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 .

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:**

Xi - Irritant.

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

Xi



15. REGULATORY INFORMATION

R -phrase(s)

R36 - Irritating to eyes.

S -phrase(s)

S 2 - Keep out of the reach of children.

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

S25 - Avoid contact with eyes.

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S29 - Do not empty into drains.

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

Do not breathe spray. Do not contaminate water with the product or its container. 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: 14854

PCS No: 03269

16. OTHER INFORMATION

Text of R Phrases mentioned in Section 3

R36 - Irritating to eyes.

R20/22 - Harmful by inhalation and if swallowed.

R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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

Prepared by:

Regulatory Affairs Department.

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End of Safety Data Sheet