



SAFETY DATA SHEET

according to regulation (EC) no 1907/2006

Weedazol-TL

Version 2 (UK)

Issue date 11/03/2009

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

Product information

Trade name : **Weedazol-TL**

Usage : herbicide

Company : Nufarm UK Limited
Wyke Lane
Wyke
Bradford
West Yorkshire BD12 9EJ
United Kingdom

Telephone : +44 (0)1274 691234
Telefax : +44 (0)1274 691176
E-mail : infouk@uk.nufarm.com

Emergency telephone : **+44(0)1274 696603**

2. HAZARDS IDENTIFICATION

Harmful: danger of serious damage to health by prolonged exposure if swallowed.
Harmful to aquatic organisms.
May cause long-term adverse effects in the aquatic environment.
Possible risk of harm to the unborn child.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Aqueous solution
contains amitrole and ammonium thiocyanate

Components	CAS-No.	EINECS-No. ELINCS-No.	Symbol(s)	R-phrases(s)	Concentration (w/w)
Amitrole	61-82-5	200-521-5	Xn, N	R63, R48/22, R51/53	21.6 %
ammonium thiocyanate	1762-95-4	217-175-6	Xn	R20/21/22, R32, R52/53	9.61 %

4. FIRST AID MEASURES

Eye contact : Rinse immediately with plenty of water for at least 15 minutes.
If eye irritation persists, consult a specialist.

Skin contact : Remove and wash contaminated clothing before re-use. Wash
off with warm water and soap. If skin irritation persists, call a
physician.

Inhalation : Move to fresh air. If symptoms persist, call a physician.



SAFETY DATA SHEET
according to regulation (EC) no 1907/2006

Weedazol-TL
Version 2 (UK)

Issue date 11/03/2009

Ingestion : Clean mouth with water and drink afterwards plenty of water.
Do NOT induce vomiting. Call a physician immediately.

Notes to physician

Treatment : Treat symptomatically.

5. FIRE-FIGHTING MEASURES

- Specific hazards during fire fighting : In the event of fire (NO_x,CO_x,HCN) may be formed.
- Special protective equipment for fire-fighters : Use personal protective equipment. Wear self contained breathing apparatus for fire fighting if necessary.
- Suitable extinguishing media : Water spray, Carbon dioxide (CO₂), Dry powder, Alcohol-resistant foam
- Extinguishing media which shall not be used for safety reasons : High volume water jet
- Further information : Standard procedure for chemical fires. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Wear personal protective equipment. (see Chapter 8)
- Environmental precautions : Do not flush into surface water or sanitary sewer system.
- Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder). Sweep up and shovel into suitable containers for disposal.
- Additional advice : Never return spills in original containers for re-use.

7. HANDLING AND STORAGE

Handling

Safe handling advice : Wear personal protective equipment.

Storage

- Requirements for storage areas and containers : Store in original container. Keep containers tightly closed in a cool, well-ventilated place.
- Advice on common storage : Keep out of reach of children. Keep away from food, drink and



SAFETY DATA SHEET
according to regulation (EC) no 1907/2006

Weedazol-TL
Version 2 (UK)

Issue date 11/03/2009

animal feeding stuffs.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protective equipment

- Respiratory protection : Suitable respiratory equipment:
- Hand protection : Protective gloves
- Eye protection : Tightly fitting safety goggles
- Skin and body protection : protective suit
- Hygiene measures : Remove and wash contaminated clothing and gloves, including the inside, before re-use. Wash hands before breaks and immediately after handling the product. When using, do not eat, drink or smoke. Shower or bathe at the end of working.
- Protective measures : Avoid contact with skin, eyes and clothing. Keep working clothes separately.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

- Physical state : liquid
- Form : Soluble concentrate
- Colour : brown

Other data

- Flash point : > 100 °C
- Density : 1.094 g/cm³
- Water solubility : miscible
- pH : ca.5

10. STABILITY AND REACTIVITY

- Conditions to avoid : No dangerous reaction known under conditions of normal use.



SAFETY DATA SHEET
according to regulation (EC) no 1907/2006

Weedazol-TL
Version 2 (UK)

Issue date 11/03/2009

Materials to avoid : Strong acids, Oxidizing agents

Hazardous decomposition products : No decomposition if stored and applied as directed.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50 rat
Dose: > 10,000 mg/kg
Test substance: (amitrol)

Acute dermal toxicity : LD50 rat
Dose: > 2,500 mg/kg
Test substance: (amitrol)

Acute inhalation toxicity : LC50 rat
Exposure time: 4 h
Dose: > 0.439 mg/l
Test substance: (amitrol)

Skin irritation : rabbit
Result: No skin irritation

Eye irritation : rabbit
Result: No eye irritation

Sensitisation : Guinea-pig
Result: Did not cause sensitization.
Test substance: (amitrol)

12. ECOLOGICAL INFORMATION

Elimination information (persistence and degradability)

Stability in soil : DT50 : 48 - 480 h

Bioaccumulation : No bioaccumulation.
Test substance: (amitrol)

Ecotoxicity effects

Toxicity to birds : LD50 *Colinus virginianus* (Bobwhite Quail)
Dose: > 2,150 mg/kg



SAFETY DATA SHEET

according to regulation (EC) no 1907/2006

Weedazol-TL

Version 2 (UK)

Issue date 11/03/2009

Test substance: (amitrol)

: LC50 *Colinus virginianus* (Bobwhite Quail)
Dose: > 5,000 ppm
Testing period: 8 d
Test substance: (amitrol)

: LC50 *Anas platyrhynchos* (Mallard Duck)
Dose: > 5,000 ppm
Testing period: 8 d
Test substance: (amitrol)

Toxicity to bees : Test substance: (amitrol)
Non toxic

Toxicity to earthworms : *Eisenia foetida*
Test substance: (amitrol)
Non toxic

Toxicity to fish : LC50 *Oncorhynchus mykiss* (Rainbow trout)
Dose: > 1,000 mg/l
Testing period: 96 h
Test substance: (amitrol)

Toxicity to daphnia : EC50 *Daphnia magna* (Water flea)
Dose: ca. 6 mg/l
Testing period: 48 h
Test substance: (amitrol)

Toxicity to algae : EC50 *Scenedesmus subspicatus*
Dose: 2.3 mg/l
Exposure time: 72 h
Test substance: (amitrol)

13. DISPOSAL CONSIDERATIONS

Product : Dispose of product and packaging in accordance with The Green Code. (The Code of Practice for the safe use of Pesticides on Farms and Holdings.) A MAFF Publication.

Contaminated packaging : Do not dispose with household waste. Do not re-use empty containers. Dispose at licensed waste disposal site capable of accepting pesticides in compliance with applicable regulations. according to EC directive 94/62/EC



SAFETY DATA SHEET

according to regulation (EC) no 1907/2006

Weedazol-TL

Version 2 (UK)

Issue date 11/03/2009

According to European Directive 2000/532/EC as amended :

Waste Key Number : 02 01 08 (agrochemical waste containing dangerous substances)

14. TRANSPORT INFORMATION

UN-Number :

ADR/RID :

Not a dangerous substance as defined in the above regulations.

IMDG :

Not a dangerous substance as defined in the above regulations.

IATA-DGR :

Not a dangerous substance as defined in the above regulations.

15. REGULATORY INFORMATION

Symbol(s)	: Xn	Harmful
R-phrase(s)	: R48/22 R52/53 R63	Harmful: danger of serious damage to health by prolonged exposure if swallowed. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Possible risk of harm to the unborn child.
S-phrase(s)	: S36/37 S50	Wear suitable protective clothing and gloves. Do not mix with .?.
Further information	: Handle in accordance with good industrial hygiene and safety practice.	
Other regulations	: The product is classified and labelled in accordance with EC directives or respective national laws.	



SAFETY DATA SHEET

according to regulation (EC) no 1907/2006

Weedazol-TL

Version 2 (UK)

Issue date 11/03/2009

16. OTHER INFORMATION

Print Date : 03/11/2009

(Alterations are indicated in the left hand margin by: ||)

Full text of any R phrases referred to under heading 3:

- R63 - Possible risk of harm to the unborn child.
- R48/22 - Harmful: danger of serious damage to health by prolonged exposure if swallowed.
- R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed.
- R32 - Contact with acids liberates very toxic gas.
- R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

The information contained herein is based on the present state of our knowledge and does therefore not guarantee certain properties.