# SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### · 1.1 Product identifier

- · Trade name: TurfRx Fairway
- · Registration number Mixture
- · 1.2 Relevant identified uses of the substance or mixture and uses advised against
- Sector of Use SU1 Agriculture, forestry, fishery
- · Product category PC12 Fertilisers
- Application of the substance / the mixture Fertiliser
- · Uses advised against Processes involving extreme heat use advised against.

#### · 1.3 Details of the supplier of the safety data sheet

• **Manufacturer/Supplier:** Aquatrols Europe Ltd The Panorama, Office G47 Park Street Ashford Kent, TN23 3DL Phone: +44 (0)1233 633267 Website: eu.aquatrols.com Email: jyichye@aquatrols.com

· Further information obtainable from: Product safety department.

· 1.4 Emergency telephone number:

- UK National Poisons Information Service. E-mail: npis.birmingham@nhs.net; Tel: +44 (0)344 892 0111
- +1 208 678 2610 Monday-Friday / 8:00 17:00 (UTC-7:00)
- US Poison Control Center: +1 (800) 222-1222

# **SECTION 2: Hazards identification**

#### $\cdot$ 2.1 Classification of the substance or mixture

• **Classification according to Regulation (EC) No 1272/2008** The product is not classified, according to the GB CLP regulation.

#### The product is not classified, according to the OD CEI regu

#### · 2.2 Label elements

- · Labelling according to Regulation (EC) No 1272/2008 Void
- · Hazard pictograms Void
- · Signal word Void
- · Hazard statements Void
- · 2.3 Other hazards

#### $\cdot$ Results of PBT and vPvB assessment

- · **PBT:** Not applicable.
- **vPvB:** Not applicable.

#### **SECTION 3: Composition/information on ingredients**

#### · 3.2 Chemical characterisation: Mixtures

· Description: A blend of naturally derived organic materials and minerals with multifunctional additives.

| · Danger | ous components: |
|----------|-----------------|
|----------|-----------------|

| CAS: 6484-52-2 Ammonium nitrate<br>EINECS: 229-347-8 | 🚸 Ox. Sol. 2, H272; 🗘 Eye Irrit. 2, H319 | ≤2.5% |
|--|--|-------|
|--|--|-------|

• Additional information: For the wording of the listed hazard phrases refer to section 16.

# **SECTION 4: First aid measures**

· 4.1 Description of first aid measures

 $\cdot$  General information: Immediately remove any clothing soiled by the product.

 $\cdot$  After inhalation: Supply fresh air; consult doctor in case of complaints.

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#### Trade name: TurfRx Fairway

|                  | (Contd. of page 1  |
|------------------|--|
| · After skin c   | ntact:   |
| Immediately      | inse with water.   |
| If skin irritat  | on continues, consult a doctor.  |
| · After eye co   | tact:  |
| Check for an     | remove any contact lenses.   |
| Rinse opene      | eye for several minutes under running water. Then consult a doctor.  |
| · After swallo   | ving:  |
| Rinse out mo     | th and then drink plenty of water.   |
| Do not induc     | vomiting; call for medical help immediately.   |
| If vomiting o    | curs spontaneously, keep head below hips to prevent aspiration.  |
| · Information    | for doctor:  |
| Treat sympto     | natically and supportively.  |
|                  | cause effects on the blood, resulting in formation of methaemoglobin when ingested. The effect<br>d. Medical observation is indicated. |
|                  | ortant symptoms and effects, both acute and delayed  |
| No further re    | evant information available.   |
| · 4.3 Indication | n of any immediate medical attention and special treatment needed  |
|                  | evant information available.   |

- Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.
- · 5.2 Special hazards arising from the substance or mixture

During heating or in case of fire poisonous gases are produced.

- $\cdot$  5.3 Advice for firefighters
- · Protective equipment:
- Wear fully protective suit.

Wear self-contained respiratory protective device.

Do not inhale explosion gases or combustion gases.

# **SECTION 6: Accidental release measures**

 $\cdot$  6.1 Personal precautions, protective equipment and emergency procedures Ensure adequate ventilation

- $\cdot$  6.2 Environmental precautions: Do not allow product to reach sewage system or any water course.
- 6.3 Methods and material for containment and cleaning up: Absorb liquid components with liquid-binding material. Send for recovery or disposal in suitable receptacles.

Do not use combustible materials such as paper towels to clean up spills.

• 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

# **SECTION 7: Handling and storage**

# $\cdot$ 7.1 Precautions for safe handling

Prevent formation of aerosols.

Ensure good ventilation/exhaustion at the workplace.

- Information about fire and explosion protection: No special measures required.
- $\cdot$  7.2 Conditions for safe storage, including any incompatibilities

· Storage:

- $\cdot$  Requirements to be met by storerooms and receptacles: Store in a cool location.
- Information about storage in one common storage facility: Not required.

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· Odour:

· pH-value:

· Odour threshold:

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# Trade name: TurfRx Fairway

|  | (Contd. of page  |
|--|--|
| Further information about                                    |  |
| Protect from frost.  |  |
| Store in cool, dry conditions                                | in well sealed receptacles.  |
| Protect from heat and direct s                               | sunlight.  |
| 7.3 Specific end use(s) No fu                                | urther relevant information available.   |
|  |  |
|  |  |
| <b>SECTION 8: Exposure</b>                                   | e controls/personal protection   |
| 8.1 Control parameters                                       |  |
|  | ut design of technical facilities: No further data; see item 7.                      |
|  | es that require monitoring at the workplace:   |
|  | any relevant quantities of materials with critical values that have to be monitore   |
| at the workplace.  | , , , , , , , , , , , , , , , , , , ,  |
|  | e lists valid during the making were used as basis.                                  |
|  |  |
| 8.2 Exposure controls  | onto   |
| Personal protective equipm                                   |  |
| General protective and hyg<br>Avoid close or long term com   |  |
| Avoid close of long term com<br>Avoid contact with the eyes. | taet with the skill.   |
| Wash hands before breaks an                                  | d at the end of work   |
| Do not inhale gases / fumes /                                |  |
| Do not eat, drink, smoke or s                                |  |
| <b>Respiratory protection:</b>                               | init white working.  |
| Not necessary if room is well                                | -ventilated  |
|  | ective device in case of insufficient ventilation.                                   |
| <b>Protection of hands:</b>                                  |  |
|  | impermeable and resistant to the product/ the substance/ the preparation.            |
|  | al on consideration of the penetration times, rates of diffusion and the degradation |
| Material of gloves   |  |
|  | gloves does not only depend on the material, but also on further marks of quali      |
|  | er to manufacturer. As the product is a preparation of several substances, the       |
|  | ial can not be calculated in advance and has therefore to be checked prior to the    |
| application.   | -  |
| Penetration time of glove m                                  | aterial  |
| The exact break through tim                                  | e has to be found out by the manufacturer of the protective gloves and has to be     |
| observed.  |  |
| Eye protection:  |  |
| Safety glasses   |  |
| Goggles recommended durin                                    | g refilling  |
| <b>Body protection:</b>                                      |  |
| Impervious protective clothin                                |  |
| Body protection must be cho                                  | sen depending on product properties, activity and possible exposure.                 |
|  |  |
| SECTION 0. Physical  | and chemical properties  |
| SECTION 7. Thysical  | and chemical properties  |
| 9.1 Information on basic ph                                  | ysical and chemical properties   |
| General Information  | · • •  |
| Appearance:  |  |
| Form:  | Fluid  |
| Colour:  | Brown  |
| Odoum  | Mild   |

Brown Mild Not determined. 7 - 8.5

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Trade name: TurfRx Fairway

|  | (Contd. of page 3)   |
|--|--|
| <ul> <li>Change in condition<br/>Melting point/freezing point:<br/>Initial boiling point and boiling ranges</li> </ul> | Undetermined.<br>Undetermined.   |
| · Flash point:   | Not applicable.  |
| · Flammability (solid, gas):   | Not applicable.  |
| · Decomposition temperature:   | Not determined.  |
| · Auto-ignition temperature:   | Product is not self-igniting.  |
| · Explosive properties:  | Product does not present an explosion hazard.  |
| <ul> <li>Explosion limits:<br/>Lower:<br/>Upper:</li> </ul>  | Not determined.<br>Not determined.   |
| · Vapour pressure:   | Not determined.  |
| <ul> <li>Density at 20 °C:</li> <li>Relative density</li> <li>Vapour density</li> <li>Evaporation rate</li> </ul>      | 1.1 g/cm <sup>3</sup><br>Not determined.<br>Not determined.<br>Not determined.                             |
| · Solubility in / Miscibility with water:  | Fully miscible.  |
| · Partition coefficient: n-octanol/water:  | Not determined.  |
| · Viscosity:<br>Dynamic:<br>Kinematic:   | Not determined.<br>Not determined.   |
| <ul> <li>Solvent content:</li> <li>Organic solvents:</li> <li>VOC (EC)</li> </ul>                                      | $\begin{array}{c} 0.0\ \% \\ 0.00\ \% \end{array}$   |
| • 9.2 Other information  | NOTE: The physical data presented above are typical values and should not be construed as a specification. |

# **SECTION 10: Stability and reactivity**

- · 10.1 Reactivity No further relevant information available.
- · 10.2 Chemical stability
- · Thermal decomposition / conditions to be avoided:
- No decomposition if used and stored according to specifications.
- $\cdot$  10.3 Possibility of hazardous reactions No dangerous reactions known.
- 10.4 Conditions to avoid No further relevant information available.
- 10.5 Incompatible materials: Strong acids and oxidising agents
- · 10.6 Hazardous decomposition products:
- Nitrogen oxides (NOx)

Phosphorus compounds

Metal oxide

Carbon monoxide and carbon dioxide

# **SECTION 11: Toxicological information**

· 11.1 Information on toxicological effects

 $\cdot$  Acute toxicity Based on available data, the classification criteria are not met.

· Primary irritant effect:

· Skin corrosion/irritation Based on available data, the classification criteria are not met.

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#### Trade name: TurfRx Fairway

- Serious eye damage/irritation Based on available data, the classification criteria are not met.
- · Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- · Additional toxicological information:

ROUTES OF EXPOSURE: The component substances can variously be absorbed into the body by inhalation and by ingestion.

Absorption of significant amounts of nitrates may cause: abdominal pain; blue lips or fingernails; blue skin; dizziness; laboured breathing; confusion; convulsions; diarrhoea; headache; nausea; unconsciousness.

- · CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
- · Germ cell mutagenicity Based on available data, the classification criteria are not met.
- · Carcinogenicity Based on available data, the classification criteria are not met.
- Reproductive toxicity Based on available data, the classification criteria are not met.
- · STOT-single exposure Based on available data, the classification criteria are not met.
- · STOT-repeated exposure Based on available data, the classification criteria are not met.

• Aspiration hazard Based on available data, the classification criteria are not met.

# **SECTION 12: Ecological information**

- · 12.1 Toxicity
- Aquatic toxicity: No further relevant information available.
- 12.2 Persistence and degradability The organic portion of the product is biodegradable.
- 12.3 Bioaccumulative potential Product is not expected to bioaccumulate.
- 12.4 Mobility in soil No further relevant information available.
- · Additional ecological information:
- · General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- · 12.5 Results of PBT and vPvB assessment
- **PBT:** Not applicable.
- · vPvB: Not applicable.
- · 12.6 Other adverse effects No further relevant information available.

# **SECTION 13: Disposal considerations**

#### · 13.1 Waste treatment methods

- · Recommendation
- Recommended Hierarchy of Controls:
- Minimise waste;
- Reuse if not contaminated;
- Recycle, if possible; or
- Safe disposal (if all else fails).
- Contact waste processors for recycling information.

Used, degraded or contaminated product may be classified as hazardous waste. Anyone classifying hazardous waste and determining its fate must be qualified in accordance with state and international legislation.

- · Uncleaned packaging:
- · Recommendation:

Container remains hazardous when empty. Continue to observe all precautions.

Containers, even those that are "empty," may contain residues that can develop flammable and/or hazardous vapours upon heating. Do not cut, drill, grind, weld, or perform similar operations on or near empty containers.

· Recommended cleansing agents: Water, if necessary together with cleansing agents.

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#### Trade name: TurfRx Fairway

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| SECTION 14: Transport information  |  |
|--|--|
| · 14.1 UN-Number<br>· ADR, ADN, IMDG, IATA   | Void   |
| <ul> <li>· 14.2 UN proper shipping name</li> <li>· ADR, ADN, IMDG, IATA</li> </ul> | Void   |
| · 14.3 Transport hazard class(es)  |  |
| · ADR, ADN, IMDG, IATA<br>· Class  | Void   |
| · 14.4 Packing group<br>· ADR, IMDG, IATA  | Void   |
| · 14.5 Environmental hazards:  | Not applicable.                                      |
| · 14.6 Special precautions for user  | Not applicable.                                      |
| • 14.7 Transport in bulk according to Annex<br>Marpol and the IBC Code             | x II of<br>Not applicable.                           |
| · Transport/Additional information:  | Not dangerous according to the above specifications. |
| · UN "Model Regulation":   | Void   |

# **SECTION 15: Regulatory information**

· 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- · Directive 2012/18/EU
- · Named dangerous substances ANNEX I None of the ingredients is listed.
- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

# **SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

#### · Relevant phrases

- H272 May intensify fire; oxidiser.
- H319 Causes serious eye irritation.

#### · Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods

- IATA: International Air Transport Association
- GHS: Globally Harmonised System of Classification and Labelling of Chemicals
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- VOC: Volatile Organic Compounds (USA, EU)
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- Ox. Sol. 2: Oxidizing solids Category 2
- Eye Irrit. 2: Serious eye damage/eye irritation Category 2

# SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### · 1.1 Product identifier

- · Trade name: TurfRx Fairway
- · Registration number Mixture
- · 1.2 Relevant identified uses of the substance or mixture and uses advised against
- Sector of Use SU1 Agriculture, forestry, fishery
- · Product category PC12 Fertilisers
- Application of the substance / the mixture Fertiliser
- · Uses advised against Processes involving extreme heat use advised against.

#### · 1.3 Details of the supplier of the safety data sheet

• **Manufacturer/Supplier:** Aquatrols Europe Ltd The Panorama, Office G47 Park Street Ashford Kent, TN23 3DL Phone: +44 (0)1233 633267 Website: eu.aquatrols.com Email: jyichye@aquatrols.com

· Further information obtainable from: Product safety department.

· 1.4 Emergency telephone number:

- UK National Poisons Information Service. E-mail: npis.birmingham@nhs.net; Tel: +44 (0)344 892 0111
- +1 208 678 2610 Monday-Friday / 8:00 17:00 (UTC-7:00)
- US Poison Control Center: +1 (800) 222-1222

# **SECTION 2: Hazards identification**

#### $\cdot$ 2.1 Classification of the substance or mixture

• **Classification according to Regulation (EC) No 1272/2008** The product is not classified, according to the GB CLP regulation.

#### The product is not classified, according to the OD CEI regu

#### · 2.2 Label elements

- · Labelling according to Regulation (EC) No 1272/2008 Void
- · Hazard pictograms Void
- · Signal word Void
- · Hazard statements Void
- · 2.3 Other hazards

#### $\cdot$ Results of PBT and vPvB assessment

- · **PBT:** Not applicable.
- **vPvB:** Not applicable.

#### **SECTION 3: Composition/information on ingredients**

#### · 3.2 Chemical characterisation: Mixtures

· Description: A blend of naturally derived organic materials and minerals with multifunctional additives.

| · Danger | ous components: |
|----------|-----------------|
|----------|-----------------|

| CAS: 6484-52-2 Ammonium nitrate<br>EINECS: 229-347-8 | 🚸 Ox. Sol. 2, H272; 🗘 Eye Irrit. 2, H319 | ≤2.5% |
|--|--|-------|
|--|--|-------|

• Additional information: For the wording of the listed hazard phrases refer to section 16.

# **SECTION 4: First aid measures**

· 4.1 Description of first aid measures

 $\cdot$  General information: Immediately remove any clothing soiled by the product.

 $\cdot$  After inhalation: Supply fresh air; consult doctor in case of complaints.

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#### Trade name: TurfRx Fairway

|                  | (Contd. of page 1  |
|------------------|--|
| · After skin c   | ntact:   |
| Immediately      | inse with water.   |
| If skin irritat  | on continues, consult a doctor.  |
| · After eye co   | tact:  |
| Check for an     | remove any contact lenses.   |
| Rinse opene      | eye for several minutes under running water. Then consult a doctor.  |
| · After swallo   | ving:  |
| Rinse out mo     | th and then drink plenty of water.   |
| Do not induc     | vomiting; call for medical help immediately.   |
| If vomiting o    | curs spontaneously, keep head below hips to prevent aspiration.  |
| · Information    | for doctor:  |
| Treat sympto     | natically and supportively.  |
|                  | cause effects on the blood, resulting in formation of methaemoglobin when ingested. The effect<br>d. Medical observation is indicated. |
|                  | ortant symptoms and effects, both acute and delayed  |
| No further re    | evant information available.   |
| · 4.3 Indication | n of any immediate medical attention and special treatment needed  |
|                  | evant information available.   |

- Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.
- · 5.2 Special hazards arising from the substance or mixture

During heating or in case of fire poisonous gases are produced.

- $\cdot$  5.3 Advice for firefighters
- · Protective equipment:
- Wear fully protective suit.

Wear self-contained respiratory protective device.

Do not inhale explosion gases or combustion gases.

# **SECTION 6: Accidental release measures**

 $\cdot$  6.1 Personal precautions, protective equipment and emergency procedures Ensure adequate ventilation

- $\cdot$  6.2 Environmental precautions: Do not allow product to reach sewage system or any water course.
- 6.3 Methods and material for containment and cleaning up: Absorb liquid components with liquid-binding material. Send for recovery or disposal in suitable receptacles.

Do not use combustible materials such as paper towels to clean up spills.

• 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

# **SECTION 7: Handling and storage**

# $\cdot$ 7.1 Precautions for safe handling

Prevent formation of aerosols.

Ensure good ventilation/exhaustion at the workplace.

- Information about fire and explosion protection: No special measures required.
- $\cdot$  7.2 Conditions for safe storage, including any incompatibilities

· Storage:

- $\cdot$  Requirements to be met by storerooms and receptacles: Store in a cool location.
- Information about storage in one common storage facility: Not required.

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· Odour:

· pH-value:

· Odour threshold:

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# Trade name: TurfRx Fairway

|  | (Contd. of page  |
|--|--|
| Further information about                                    |  |
| Protect from frost.  |  |
| Store in cool, dry conditions                                | in well sealed receptacles.  |
| Protect from heat and direct s                               | sunlight.  |
| 7.3 Specific end use(s) No fu                                | urther relevant information available.   |
|  |  |
|  |  |
| <b>SECTION 8: Exposure</b>                                   | e controls/personal protection   |
| 8.1 Control parameters                                       |  |
|  | ut design of technical facilities: No further data; see item 7.                      |
|  | es that require monitoring at the workplace:   |
|  | any relevant quantities of materials with critical values that have to be monitore   |
| at the workplace.  | , , , , , , , , , , , , , , , , , , ,  |
|  | e lists valid during the making were used as basis.                                  |
|  |  |
| 8.2 Exposure controls  | onto   |
| Personal protective equipm                                   |  |
| General protective and hyg<br>Avoid close or long term com   |  |
| Avoid close of long term com<br>Avoid contact with the eyes. | taet with the skill.   |
| Wash hands before breaks an                                  | d at the end of work   |
| Do not inhale gases / fumes /                                |  |
| Do not eat, drink, smoke or s                                |  |
| <b>Respiratory protection:</b>                               | init white working.  |
| Not necessary if room is well                                | -ventilated  |
|  | ective device in case of insufficient ventilation.                                   |
| <b>Protection of hands:</b>                                  |  |
|  | impermeable and resistant to the product/ the substance/ the preparation.            |
|  | al on consideration of the penetration times, rates of diffusion and the degradation |
| Material of gloves   |  |
|  | gloves does not only depend on the material, but also on further marks of quali      |
|  | er to manufacturer. As the product is a preparation of several substances, the       |
|  | ial can not be calculated in advance and has therefore to be checked prior to the    |
| application.   | -  |
| Penetration time of glove m                                  | aterial  |
| The exact break through tim                                  | e has to be found out by the manufacturer of the protective gloves and has to be     |
| observed.  |  |
| Eye protection:  |  |
| Safety glasses   |  |
| Goggles recommended durin                                    | g refilling  |
| <b>Body protection:</b>                                      |  |
| Impervious protective clothin                                |  |
| Body protection must be cho                                  | sen depending on product properties, activity and possible exposure.                 |
|  |  |
| SECTION 0. Physical  | and chemical properties  |
| SECTION 7. Thysical  | and chemical properties  |
| 9.1 Information on basic ph                                  | ysical and chemical properties   |
| General Information  | · • •  |
| Appearance:  |  |
| Form:  | Fluid  |
| Colour:  | Brown  |
| Odoum  | Mild   |

Brown Mild Not determined. 7 - 8.5

(Contd. on page 4)

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|  | (Contd. of page 3)   |
|--|--|
| <ul> <li>Change in condition<br/>Melting point/freezing point:<br/>Initial boiling point and boiling ranges</li> </ul> | Undetermined.<br>Undetermined.   |
| · Flash point:   | Not applicable.  |
| · Flammability (solid, gas):   | Not applicable.  |
| · Decomposition temperature:   | Not determined.  |
| · Auto-ignition temperature:   | Product is not self-igniting.  |
| · Explosive properties:  | Product does not present an explosion hazard.  |
| <ul> <li>Explosion limits:<br/>Lower:<br/>Upper:</li> </ul>  | Not determined.<br>Not determined.   |
| · Vapour pressure:   | Not determined.  |
| <ul> <li>Density at 20 °C:</li> <li>Relative density</li> <li>Vapour density</li> <li>Evaporation rate</li> </ul>      | 1.1 g/cm <sup>3</sup><br>Not determined.<br>Not determined.<br>Not determined.                             |
| · Solubility in / Miscibility with water:  | Fully miscible.  |
| · Partition coefficient: n-octanol/water:  | Not determined.  |
| · Viscosity:<br>Dynamic:<br>Kinematic:   | Not determined.<br>Not determined.   |
| <ul> <li>Solvent content:</li> <li>Organic solvents:</li> <li>VOC (EC)</li> </ul>                                      | $\begin{array}{c} 0.0\ \% \\ 0.00\ \% \end{array}$   |
| • 9.2 Other information  | NOTE: The physical data presented above are typical values and should not be construed as a specification. |

# **SECTION 10: Stability and reactivity**

- · 10.1 Reactivity No further relevant information available.
- · 10.2 Chemical stability
- · Thermal decomposition / conditions to be avoided:
- No decomposition if used and stored according to specifications.
- $\cdot$  10.3 Possibility of hazardous reactions No dangerous reactions known.
- 10.4 Conditions to avoid No further relevant information available.
- 10.5 Incompatible materials: Strong acids and oxidising agents
- · 10.6 Hazardous decomposition products:
- Nitrogen oxides (NOx)

Phosphorus compounds

Metal oxide

Carbon monoxide and carbon dioxide

# **SECTION 11: Toxicological information**

· 11.1 Information on toxicological effects

 $\cdot$  Acute toxicity Based on available data, the classification criteria are not met.

· Primary irritant effect:

· Skin corrosion/irritation Based on available data, the classification criteria are not met.

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#### Trade name: TurfRx Fairway

- Serious eye damage/irritation Based on available data, the classification criteria are not met.
- · Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- · Additional toxicological information:

ROUTES OF EXPOSURE: The component substances can variously be absorbed into the body by inhalation and by ingestion.

Absorption of significant amounts of nitrates may cause: abdominal pain; blue lips or fingernails; blue skin; dizziness; laboured breathing; confusion; convulsions; diarrhoea; headache; nausea; unconsciousness.

- · CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
- · Germ cell mutagenicity Based on available data, the classification criteria are not met.
- · Carcinogenicity Based on available data, the classification criteria are not met.
- Reproductive toxicity Based on available data, the classification criteria are not met.
- · STOT-single exposure Based on available data, the classification criteria are not met.
- · STOT-repeated exposure Based on available data, the classification criteria are not met.

• Aspiration hazard Based on available data, the classification criteria are not met.

# **SECTION 12: Ecological information**

- · 12.1 Toxicity
- Aquatic toxicity: No further relevant information available.
- 12.2 Persistence and degradability The organic portion of the product is biodegradable.
- 12.3 Bioaccumulative potential Product is not expected to bioaccumulate.
- 12.4 Mobility in soil No further relevant information available.
- · Additional ecological information:
- · General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- · 12.5 Results of PBT and vPvB assessment
- **PBT:** Not applicable.
- · vPvB: Not applicable.
- · 12.6 Other adverse effects No further relevant information available.

# **SECTION 13: Disposal considerations**

#### · 13.1 Waste treatment methods

- · Recommendation
- Recommended Hierarchy of Controls:
- Minimise waste;
- Reuse if not contaminated;
- Recycle, if possible; or
- Safe disposal (if all else fails).
- Contact waste processors for recycling information.

Used, degraded or contaminated product may be classified as hazardous waste. Anyone classifying hazardous waste and determining its fate must be qualified in accordance with state and international legislation.

- · Uncleaned packaging:
- · Recommendation:

Container remains hazardous when empty. Continue to observe all precautions.

Containers, even those that are "empty," may contain residues that can develop flammable and/or hazardous vapours upon heating. Do not cut, drill, grind, weld, or perform similar operations on or near empty containers.

· Recommended cleansing agents: Water, if necessary together with cleansing agents.

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| SECTION 14: Transport information  |  |
|--|--|
| · 14.1 UN-Number<br>· ADR, ADN, IMDG, IATA   | Void   |
| <ul> <li>· 14.2 UN proper shipping name</li> <li>· ADR, ADN, IMDG, IATA</li> </ul> | Void   |
| · 14.3 Transport hazard class(es)  |  |
| · ADR, ADN, IMDG, IATA<br>· Class  | Void   |
| · 14.4 Packing group<br>· ADR, IMDG, IATA  | Void   |
| · 14.5 Environmental hazards:  | Not applicable.                                      |
| · 14.6 Special precautions for user  | Not applicable.                                      |
| • 14.7 Transport in bulk according to Annex<br>Marpol and the IBC Code             | x II of<br>Not applicable.                           |
| · Transport/Additional information:  | Not dangerous according to the above specifications. |
| · UN "Model Regulation":   | Void   |

# **SECTION 15: Regulatory information**

· 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- · Directive 2012/18/EU
- · Named dangerous substances ANNEX I None of the ingredients is listed.
- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

# **SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

#### · Relevant phrases

- H272 May intensify fire; oxidiser.
- H319 Causes serious eye irritation.

#### · Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods

- IATA: International Air Transport Association
- GHS: Globally Harmonised System of Classification and Labelling of Chemicals
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- VOC: Volatile Organic Compounds (USA, EU)
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- Ox. Sol. 2: Oxidizing solids Category 2
- Eye Irrit. 2: Serious eye damage/eye irritation Category 2