| AGRIA S.A.<br>4009 Plovdiv<br>BULGARIA | **SAFETY DATA SHEET**<br>**According to Annex II of Regulation (EC) № 1907/2006 and Regulation (EC) № 1272/2008 [CLP]** | **Issue date: 01.12.2008**<br>**Edition № 5** |
|---|---|---|
| | **TREPACH** | **Date of edition: 12.03.2019** |

## 1. IDENTIFICATION OF THE SUBSTANCE/ MIXTURE AND OF THE COMPANY/ UNDERTAKING

**1.1. Product identifiers**

| | | |
|---|---|---|
| Name of the substance | : | QUIZALOFOP – P – ETHYL 50 g/l EC |
| EC № | : | - |
| Registration № (REACH) | : | - |
| CAS № | : | - |

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

| | | |
|---|---|---|
| Identified uses | : | Selective systemic herbicide |

**1.3. Details of the supplier of the safety data sheet**

| | | |
|---|---|---|
| Manufacture/ Supplier | : | AGRIA S.A. |
| Street/ Zip Code | : | Asenovgradsko shose, 4009 Plovdiv |
| Phone | : | 032 273 500, the phone number is available only during office hours |
| Fax | : | |
| E-mail | : | |

| | | |
|---|---|---|
| **1.4. Emergency telephone number** | : | Giftinformationszentrum Mainz; Tel +49 (0) 6131 19240 |
| Available | : | 24/7 |
| Language telephone line | : | German |

## 2. HAZARD IDENTIFICATION

**2.1. Classification of the substance or mixture**

| | | |
|---|---|---|
| *Classification According Regulation (EC) No 1272/2008 (CLP)* | : | *Asp. Tox. 1; H304*<br>*Skin Irrit. 2; H315*<br>*Skin Sens. 1; H317*<br>*Eye Dam. 1; H318*<br>*STOT SE 3; H335*<br>*STOT SE 3; H336*<br>*Aquatic Chronic 2; H411* |

**2.2. Label elements**

*Labeling according to Regulation (EC) No 1272/2008 (CLP)*

Hazard pictograms : 

Signal words : **DANGER**

***Hazard statements*** : *H304 – May be fatal if swallowed and enters airways*
*H315 – Causes skin irritation*
*H317 – May cause an allergic reaction*
*H318 – Causes serious eye damage*
*H335 – May cause respiratory irritation*
*H336 – May cause drowsiness or dizziness*
*H411 – Toxic to aquatic life with long lasting effects*

***Precautionary Statements*** :

**Prevention**

**P101** – If medical advice is needed, have product container or label at hand
**P102** – Keep out of reach of children
**P261** – Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray
**P280** – Wear protective gloves/ eye protection/ face protection

**Response**

**P301 + P331** – *IF SWALLOWED*: Do NOT induce vomiting
**P302 + P352** – *IF ON SKIN*: Wash with plenty of soap and water
**P305 + P351 + P338** – *IF IN EYES*: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
**P308 + P310** – *IF* exposed or concerned: Immediately call a POISON CENTER/ doctor
**P362 + P364** – Take off contaminated clothing and wash it before reuse
**P391** – Collect spillage

**Storage**

**P403 + P233** – Store in a well-ventilated place. Keep container tightly closed
**P405** – Store locked up

**Disposal**

**P501** – Dispose of contents/ containers in accordance with local/ regional/ national/ international regulations

***Additional Precautionary Statements*** : **EUH401** – To avoid risks to human health and the environment, comply with the instructions for use

**2.3. Other hazards** : Not known

## 3. COMPOSITION/ INFORMATION ON INGREDIENTS

**3.1. Substances** : Refers to a mixture

**3.2. Mixtures**
Description of the mixture

| Name | CAS № | EC № | Index № | REACH Reg. № | Concentration (g/l) | Classification according Regulation (EC) № 1272/2008 (CLP) |
|---|---|---|---|---|---|---|
| Quizalofop-p-ethyl, *Ethyl (R) -2-[4-(6-Chloroquinoxalin-2-yloxy)-phenoxy] propionate (IUPAC)* | 10064 6-51-3 | 600-119-3 | - | - | 50 ± 5 | Acute Tox. 4; H302<br>Aquatic Acute 1; H400<br>Aquatic Chronic 1; H410 |
| Tensiofix B9718 *(mixture)* | - | - | - | - | 12 | Flam. Liq. 3; H226<br>Eye Dam. 1; H318<br>Skin Irrit. 2; H315<br>STOT SE 3; H335<br>STOT SE 3; H336<br>Aquatic Chronic 3; H412 |
| Tensiofix B9732 *(mixture)* | - | - | - | - | 48 | Flam. Liq. 3; H226<br>Eye Dam. 1; H318<br>Skin Irrit. 2; H315<br>STOT SE 3; H335<br>STOT SE 3; H336<br>Aquatic Chronic 3; H412 |
| Hydrocarbons, C10, aromatics | - | 918-811-1 | - | 01-2119463583-34-xxxx | Rest to 1000 | Asp. Tox.1; H304<br>STOT SE 3; H336<br>Aquatic Chronic 2; H411 |

**For full text of Hazard categories and Hazard statements: see SECTION 16 (v).**

## 4. FIRST AID MEASURES

**4.1. Description of first aid measures** : In case of uncontrolled exposure immediate medical attention is recommended.

Following inhalation : Remove from exposure area to fresh air. Seek medical attention immediately

Following skin contact : Remove contaminated clothing and shoes. Wash affected area with plenty of water. Seek medical attention if necessary. Wash contaminated clothing before next use

Following eye contact : Immediately rinse for at least 15 minutes with large quantity of drinking water while holding eyes open. Remove contact lenses, if present and rinse eyes with plenty of drinking water for 15 minutes. Immediately seek qualified medical advice.

Following ingestion : Seek medical attention immediately. Don't induce vomiting

Self-protection of the first-aiders : Use PPE

**4.2. Most important symptoms and effects, both acute and delayed** : Poisoning when swallowed or inhaled is accompanied by headache, dizziness, ataxia, extreme weakness.

**4.3. Indication of any immediate medical attention and special treatment needed** : Treat symptomatically.

## 5. FIREFIGHTING MEASURES

**5.1. Extinguishing media**

Suitable extinguishing media : Soft stream water fog, foam, carbon dioxide, dry chemical.

| | | |
|---|---|---|
| Unsuitable extinguishing media | : | Not known |
| **5.2. Special hazards arising from the substance or mixture** | | |
| Hazardous combustion products | : | In case of fire, along with other products of combustion, the smoke contains initial material with toxic and irritant effect. |
| **5.3. Advice for firefighters** | : | Full impervious coverall clothing. Self-containing breathing apparatus. |

## 6. ACCIDENTAL RELEASE MEASURES

| | | |
|---|---|---|
| **6.1. Personal precautions, protective equipment and emergency procedures** | | |
| *For those staff which does not meet for emergency* | : | Keep unnecessary personnel away. |
| *For the persons responsible for emergency* | : | Eliminate all ignition sources (flame or spark). Provide local and general exhaust ventilation. Use protective clothing and gloves, respiratory mask with an effective particulate filter, chemical goggles for eye protection. |
| **6.2. Environmental precautions** | : | In case of accidental release take precautions to protect the surface and underground water, soil and sewage from contamination. Remove the sources of heat and flames. In case of spill into the sewage, surface water, ground water or soil notify the competent authorities immediately. |
| **6.3. Methods and material for containment and cleaning up** | | |
| For containment and cleaning | : | Absorb with an inert material – sand, zeolite. Use vacuum cleaning. Do not dispose the product and/ or contaminated materials into the sewage systems, water sources or water bodies. Collect into an appropriate, labelled tightly sealed waste container. Store the container at an appropriate place for further treatment or disposal according to the national legislation. |
| Other information | : | No available information |
| **6.4. Reference to other sections** | : | The collected product and/ or contaminated materials should be treated as a waste according to section 13. |

## 7. HANDLING AND STORAGE

| | | |
|---|---|---|
| **7.1. Precautions for safe handling** | | |
| Precautionary measures | : | No specific handling precautions apply to unopened containers. Follow relevant manual handling guidance and good industrial practice procedures. |
| Measures to prevent fire | : | No specific measures to prevent fire |
| Measures to prevent aerosol and dust | : | When handling opened containers eye protection and impervious gloves are required. |
| Measures for environmental protection | : | No specific measures to environmental protection |

| | | |
|---|---|---|
| Advice on general occupational hygiene | : | When using do not eat, drink or smoke. Avoid contact with skin, eyes and clothing. Avoid inhalation of aerosol/ mists/ vapors. Wash hands thoroughly after using this substance. Do not touch spilled material.<br>Wear suitable protective clothing, eye/ face protection and gloves. Avoid aerosol formation. Keep out of reach of children. Avoid inhalation of spray mist. When mixing or applying, wear protective clothing as described in section 8.<br>Wash hands and face after use. Wash protective clothing after use. Always read the label before use. See label for further information on handling and storage. |

**7.2. Conditions for safe storage, including any incompatibilities**

| | | |
|---|---|---|
| Technical measures and storage conditions | : | Keep locked up and out of reach of children |
| Packing materials | : | Keep in unopened original packing. |
| Requirements for storage rooms and vessels | : | Keep away from food, feed, fertilizers, herbicides, insecticides and seed. Keep away from direct heating, open flames and sunlight. Segregate from incompatible substances such strong basic, acidic or oxidizing materials. Segregate from foods and animal feeds. |
| Class of storage | : | No available information |
| Additional information on storage conditions | : | No available additional information |

**7.3. Specific end use(s)**

| | | |
|---|---|---|
| Recommendations | : | See point 7.1, 7.2 and the label/ leaflet for relevant uses of this product. |

## 8. EXPOSURE CONTROL/ PERSONAL PROTECTION

**8.1. Control parameters**

**Occupational exposure limit values in air according to national (Bulgarian) legislation**
None established

**Occupational exposure limit values in air according to EU legislation**
None established

**Consult the relevant national limit values currently applicable in the EU Member State/ Non-EU country in which this safety data sheet is being provided.**

**8.2. Exposure controls**

**8.2.1. Appropriate engineering controls**

| | | |
|---|---|---|
| Structural, organizational and technical measures | : | Ensure adequate local and overall ventilation in the workplace |

**8.2.2. Individual protection measures, such as personal protective equipment**

| | | |
|---|---|---|
| Respiratory protection | : | Recommended when handling concentrate. Use half mask with a particle filter FFP2 against solid particles and liquid aerosols |

| | | |
|---|---|---|
| Skin protection | : | Impervious footwear is recommended when handling the concentrate. |

Eye protection  : Use safety glasses with side shields (according to EN 166).

Hand protection  : Gloves are recommended when handling with concentrate and dilute formulations.
**In case of short term exposure:**
Single-use vinyl gloves.
**In case of prolonged or frequently repeated exposure**
Use of nitrile-rubber gloves for multiple use with accordance with EN 374. Thickness > 0.4 mm. If wearing up change the gloves.

Hygienic measures : Avoid contact with eyes, skin or clothing.
Avoid breathing vapour or spray mist. Before removing gloves, wash them with water and soap. Wash thoroughly with water and soap after handling. Remove contaminated clothing immediately and wash before reuse.

**8.2.3. Environmental exposure controls** : See section 13.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**9.1. <u>Information on basic physical and chemical properties</u>**

*(a) Appearance* : Yellow, transparent, clear liquid
Method: Observation of colour, physical state, odour
Reference: Own GLP study – "Physical State, Appearance and Color"

*(b) Odor* : Specific odor
Method: Observation of colour, physical state, odour
Reference: Own GLP study – "Physical State, Appearance and Color"

*(c) Odor threshold* : No available information

*(d) pH* : 5.0 – 8.0 (1% aqueous dispersion)
Method: CIPAC MT 75.3
Reference: Own GLP study – "*pH* determination"

*(e) Melting point/ Freezing point* : Not applicable
*(f) Initial boiling point and boiling range* : 138.5 – 144 °C at 100 kPa (solvent only)
Method: OECD 103
Reference: Own GLP study – "Determination of boiling point"

*(g) Flash point* : >63 °C (solvent)
Method: EEC A9
Reference: Own GLP study – "Determination of flash point"

*(h) Evaporation rate* : No available information
*(i) Flammability (solid, gas)* : Not applicable
*(j) Upper lower flammability or explosive limits* : Not available
*(k) Vapor pressure* : 0.000011 mPa at 20 °C (quizalofop-p-ethyl)
*(l) Vapor density* : No available information
*(m) Relative Density* : 0.92 ± 0.01 g/dm$^3$ at 20 °C

Method: CIPAC MT 3.2
Reference: Own GLP study – "Determination of relative density"

*(n) Solubility(ies)* : Soluble in acetone, hexane, ethanol, xylene
Water solubility – 0.4 mg/L

Reference: Method: CIPAC MT 5
Own GLP study – "Solubility in organic solvents"
Method: OECD 105
Own GLP study – "Solubility in water"

*(o) Partition coefficient: n-octanol/ water* : log Kow = 4.66 at 23 ± 1 °C (quizalofop-p-ethyl)
Method: OECD 107
Reference: Own GLP study – "Partition coefficient n-octanol/ water"

*(p) Auto – ignition temperature* : 440 °C ± 5 °C
*(q) Decomposition temperature* : Not available
*(r) Viscosity* : The kinematic viscosity is 1.88 $mm^2/s$ at 20 °C
The kinematic viscosity is 1.37 $mm^2/s$ at 40 °C

Method: OECD 114
Reference: Own GLP study – "Determination of *Viscosity*"

*(s) Explosive properties* : Not explosive
Method: DSC plus Reasoned case EEC A14
Reference: Own GLP study – *"Explosive properties"*

*(t) Oxidizing properties* : Not an oxidizing agent
Method: EEC A17
Reference: Own GLP study – *"Oxidizing properties"*

**9.2. Other information**

**Corrosion** : Not corrosive

## 10. STABILITY AND REACTIVITY

**10.1. Reactivity** : No hazardous reactions when stored and handled according to instructions.

**10.2. Chemical stability** : Stable under normal conditions.

**10.3. Possibility of hazardous reactions** : Not known

**10.4. Conditions to avoid** : Avoid storage at temperature > 30 °C in a confined place. Slow decomposition in presence of heat and moisture. Prevent heating of the material to avoid thermal decomposition.

**10.5. Incompatible materials** : Avoid contact with strong oxidants and strong acids and basis. Decomposes under alkaline and acidic conditions.

**10.6. Hazardous decomposition products** : See section 5.

## 11. TOXICOLOGICAL INFORMATION

**11.1. Information on toxicological effects**

**Data on formulated product**

*Acute toxicity effects based on own studies:*

**Acute oral toxicity**
$LD_{50}$ > 2000 mg/kg bw (rats)
Method: EC B.1 and OECD 423
Reference: Own GLP study "Acute oral toxicity in rats"

**Acute dermal toxicity**
$LD_{50}$ > 2000 mg/kg bw (rats)
Method: EC B.3 and OECD 402
Reference: Own GLP study "Acute dermal toxicity in rats"

**Acute inhalation toxicity**
$LC_{50}$ > 5.64 mg/L air (rats)
Method: OECD 403
Reference: Own GLP study "Acute inhalation toxicity in rats"

**Skin corrosion/ irritation:** Moderate irritant
Method: EC B.4 and OECD 404
Reference: Own GLP study "Acute dermal irritation/ corrosion"

**Serious eye damage/ irritation:** The test item produced irreversible ocular damage and was considered to be corrosive to the rabbit eye (based on one rabbit only)
Method: EC B.5 and OECD 405
Reference: Own GLP study "Acute eye irritation/ corrosion"

**Respiratory or skin sensitization:** EC3 = 12, sensitizer
Method: EC B42 and OECD 429
Reference: Own GLP study "Skin sensitization"

| | | |
|---|---|---|
| Germ sell mutagenicity | : | Not available |
| Carcinogenicity | : | Not carcinogenic |
| Reproductive toxicity | : | Not available |
| STOT – single exposure | : | Classified as STOT – single exposure, category of danger 3 |
| STOT – repeated exposure | : | Not available |
| Aspiration hazards | : | Classified as aspiration hazard, category of danger 1 |

## 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity effects based on own studies:

**Data on formulated product**

**Waterflea** (*Daphnia magna*): The test item had acute toxic effects on Daphnia magna. The 48-hour $EC_{50}$ was determined to be 17 mg/L with 95%-confidence limits of 14 and 21 mg/L.
Method: EC C.2 and OECD 202
Reference: Own GLP study "Acute immobilisation study in *Daphnia magna*"

**Algae** Growth Inhibition: $EC_{50}$ = 22 mg/L
NOEC = 0.32 mg/L
LOEC =1.3 mg/L
Method: EC C.3 and OECD 201
Reference: Own GLP study "Alga growth inhibition test"

**Birds** (*Japanese quail*): $LD_{50}$ > 2000 mg/kg
Method: OECD 223
Reference: Own GLP study "Acute oral toxicity study in Japanese quail"

**Fish** (*Rainbow trout*): $LC_{50}$ = 1.1 mg/l (96 h)
Method: EC C.1 and OECD 203
Reference: Own GLP study "Acute oral toxicity study in Rainbow trout"

**Earthworms:** Quizalofop-p-ethyl 50 g/L EC [mg/kg dry soil]
NOEC = 171
LOEC = 309
$EC_{10}$ = 121
$EC_{20}$ = 301
$EC_{50}$ > 1000
$EC_{80}$ > 1000
Method: EC C.8 and OECD 222
Reference: Own GLP study "Acute toxicity study in earthworms"

**Honeybees:** $LD_{50}$ *(oral)* = 56 µg/bee (a.i.)
Method: EC C.8 and OECD 213
Reference: Own GLP study "Acute toxicity study in honey bees"

**Honeybees:** $LD_{50}$ *(contact)* > 100 µg/bee (a.i.)
Method: EC C.8 and OECD 213
Reference: Own GLP study "Acute toxicity study in honey bees"

**Aquatic plants** *(Lemna gibba):* The concentration of 1.0 mg/L was determined to be the 7-day LOEC as the yield based on frond numbers after the exposure period of 7 days was statistically significantly lower than in the control. The 7-day NOEC was determined to be 0.32 mg/L since the growth of the plants was not inhibited after the exposure period of 7 days at this test concentration.
Method: OECD 221
Reference: Own GLP study "*Lemna* sp. Growth Inhabition Test"

| | | |
|---|---|---|
| **12.2. Persistence and degradability** | : | Moderately persistent in soils with a reported half-life of 60 days. It may be more rapidly broken down in soil with high microbial activity. It is moderately to strongly sorbet to soils, and studies indicate very low soil mobility. It should not leach significantly into water. |
| **12.3. Bioaccumulative potential** | : | $DT_{50}$ (soil) < 1 day |
| **12.4. Mobility in soil** | : | in soil – very low mobility<br>in water – should not leach significantly into water |
| **12.5. Results of PBT and vPvB assessment** | : | The product does not contain any PBT or vPvB substance. |
| **12.6. Other adverse effects** | : | No other adverse effects |
| **12.7. Additional information** | : | Not available |

## 13. DISPOSAL CONSIDERATIONS

**13.1. Waste treatment methods** : Disposal should be in accordance with local or national legislation. Do not contaminate ponds, waterways or ditches with material or used container.
**Recommended treatment method:** incineration in permitted by authorities' incinerators.
**Collection of small product quantities:**
Absorb with an inert material – sand, zeolite. Store in solid waste containers.

The container should be clearly labelled, with content description, danger indication symbols, H- and P-statements. Store in well ventilated areas, until deposit to a licensed waste disposal company. The water used for contaminated surface washing should be collected for further treatment.
Wash contaminated surfaces with water and collect washing waters for treatment.
Do not dispose into the sewage. Do not pollute natural water sources.

| | | |
|---|---|---|
| **Waste code** | : | 07 04 01* aqueous washing liquid and mother liquors |
| **Waste code, packaging** | : | 15 01 10* packaging containing residues of or contaminated by dangerous substances |

## 14. TRANSPORT INFORMATION

**14.1. General information**

| | | |
|---|---|---|
| UN-No. (ADR) | : | 3082 |
| UN proper shipping name | : | Environmentally hazardous substance, liquid, n.o.s (quizalofop-p-ethyl) |
| Transport hazard class(es) | : | 9 |
| Packing group | : | III |
| Environmental hazards | : | ADR/RID/ IMDG-Code/ ICAO-TI/ IATA-DGR: **x yes** / □ no<br>Marine pollutant: **x yes** / □ no |
| Marking | : |  |
| Special precautions for user | : | See sections 6 – 8 |

## 15. REGULATORY INFORMATION

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

### EU Legislations:

**EC Regulation 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products and repealing Directives 79/117/EEC and 91/414/EEC**
Applicable

**REGULATION (EC) No 1272/2008 of the European parliament and of the Council of 16 December 2008 on classification, labelling and packing of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.**
Applicable

**REGULATION (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemical Agency, amending Directive 1999/45/EC and repealing Council regulation (EEC) No 793/93 and Commission regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.**
No restrictions

**DIRECTIVE 2012/18/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 on the control of major-accident hazards involving dangerous substances, amending and subsequently repealing Council Directive 96/82/EC**
This product is classified under the Seveso III Directive

| **Seveso III Directive** |
|---|
| E2: Hazardous to the aquatic environment – Chronic 2 |

**National Legislation:**

**Ordinance on prevention of major accidents involving hazardous substances and limiting their consequences.**
Applicable

**Ordinance for authorization of plant protection products.**
Applicable

**Ordinance on procedures for labelling of plant protection products.**
Applicable

**15.2. Chemical safety assessment** : The chemical safety assessment has been carried out for the mixture

## 16. OTHER INFORMATION

**(i) Indication of changes**
15 – Regulatory information

**(ii) Abbreviation and acronyms**
None

**(iii) Key literature references and sources for data**
ECHA Guidance on the compilation of safety data sheets (*version 3.1, November 2015*)

**(iv) Classification and procedure used to derive the classification for mixtures to Regulation (EC) 1272/2008 [CLP]**

| Classification according to Regulation (EC) № 1272/2008 | Classification procedure |
|---|---|
| *Asp. Tox. 1; H304* | On basis of calculation method |
| *Skin Irrit. 2; H315* | On basis of test data |
| *Skin Sens. 1; H317* | On basis of test data |
| *Eye Dam. 1; H318* | On basis of test data |
| *STOT SE 3; H335* | On basis of calculation method |
| *STOT SE 3; H336* | On basis of calculation method |
| *Aquatic Chronic 2; H411* | On basis of calculation method |

**(v) Relevant H – statements (number and full text as referred to SECTION 3)**
*According Regulation (EC) №1272/2008*

**Flam. Liq. 3** – Flammable liquid, categories of danger 3; **H226** Flammable liquid and vapor
**Acute Tox. 4** – Acute toxicity, categories of danger 4; **H302** Harmful if swallowed
**Asp. Tox. 1** – Aspiration toxicity, categories of danger 1; **H304** May be fatal if swallowed and enters airways
**Skin Irrit. 2** – Skin irritation, categories of danger 2; **H315** Causes skin irritation
**Eye Dam. 1** – Eye damage, categories of danger 1; **H318** Causes serious eye damage
**STOT SE 3** – Specific target organ toxicity – single exposure, categories of danger 3; **H335** May cause respiratory irritation
**STOT SE 3** – Specific target organ toxicity – single exposure, categories of danger 3; **H336** May cause drowsiness or dizziness
**Aquatic Acute 1** – Hazardous to the aquatic environment – acute, categories of danger 1; **H400** Very toxic to

aquatic life

**Aquatic Chronic 1** – Hazardous to the aquatic environment – chronic, categories of danger 1; **H410** Very toxic to aquatic life with long lasting effects

**Aquatic Chronic 2** – Hazardous to the aquatic environment – chronic, categories of danger 2; **H411** Toxic to aquatic life with long lasting effects

**Aquatic Chronic 3** – Hazardous to the aquatic environment – chronic, categories of danger 3; **H412** Harmful to aquatic life with long lasting effects

**(vi) Training advice**

General occupational hygiene training recommended

**(vii) Further information**

***THE INFORMATION PRESENTED IN THIS SAFETY DATA SHEET IS BASED ON OUR KNOWLEDGE OF THE PRODUCT AT THE DATE OF ISSUE AND IS INTENDED TO PROVIDE ONLY GENERAL HEALTH AND SAFETY GUIDANCE.***

***THIS SAFETY DATA SHEET COMPLEMENTS THE TECHNICAL SPECIFICATION/ LABEL/ LEAFLET OF THE PRODUCT BUT DOES NOT REPLACE THEM.***

***THE USERS OF THIS PRODUCT SHOULD MAKE THEIR OWN ASSESSMENT OF ITS SUITABILITY FOR THE INTENDED PURPOSES PRIOR TO USE.***

***NO LIABILITY WILL BE ACCEPTED FOR ANY INJURY, LOSS OR DAMAGE RESULTING FROM ANY FAILURE TO TAKE ACCOUNT OF INFORMATION OR ADVICE CONTAINED IN THIS SAFETY DATA SHEET OR OTHER AVAILABLE TECHNICAL USAGE LITERATURE.***