

Cefquinome Liquid Formulation

| Version | Revision Date: | SDS Number: | Date of last issue: 06.04.2024 |
|---------|----------------|---------------|---------------------------------|
| 3.4 | 28.09.2024 | 9374527-00008 | Date of first issue: 27.08.2021 |

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

| 1.1 | Product identifier Trade name | : | Cefquinome Liquid Formulation |
|-----|--|------|---|
| 1.2 | Relevant identified uses of th | ne s | ubstance or mixture and uses advised against |
| | Use of the Sub- stance/Mixture | | Veterinary product |
| | Recommended restrictions on use | : | Not applicable |
| 1.3 | Details of the supplier of the | saf | ety data sheet |
| | Company | : | MSD Walton Manor, Walton MK7 7AJ Milton Keynes - United Kingdom |
| | Telephone | : | +1-908-740-4000 |
| | E-mail address of person responsible for the SDS | : | EHSDATASTEWARD@msd.com |

1.4 Emergency telephone number

+1-908-423-6000

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

| Respiratory sensitisation, Category 1 | H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
|---|--|
| Short-term (acute) aquatic hazard, Cate- gory 1 | H400: Very toxic to aquatic life. |
| Long-term (chronic) aquatic hazard, Cat- egory 2 | H411: Toxic to aquatic life with long lasting effects. |

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



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| Haza | ard pictograms | : | | ¥ |
| Signa | al word | : | Danger | • |
| Haza | ard statements | : | H334 | May cause allergy or asthma symptoms or breath- ing difficulties if inhaled. |
| | | | H410 | Very toxic to aquatic life with long lasting effects. |
| Preca | autionary statements | : | Prevention | : |
| | | | P273 | Avoid release to the environment. |
| | | | Response: | |
| | | | P304 + P34 | 0 IF INHALED: Remove person to fresh air and keep comfortable for breathing. |
| | | | P342 + P31 | |
| | | | P391 | Collect spillage. |

Hazardous components which must be listed on the label:

Cefquinome

The following percentage of the mixture consists of ingredient(s) with unknown hazards to the aquatic environment: 3.125 %

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

| Chemical name | CAS-No. EC-No. Index-No. Registration number | Classification | Concentration (% w/w) |
|---------------|---|---|--------------------------|
| Cefquinome | 118443-89-3 | Skin Irrit. 2; H315 Eye Irrit. 2; H319 Resp. Sens. 1B; H334 STOT SE 3; H335 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 M-Factor (Acute aquatic toxicity): 10 | >= 2.5 - < 10 |



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| | | | M-Factor (Chronic aquatic toxicity): 1 | |

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

| General advice | : | In the case of accident or if you feel unwell, seek medical ad- vice immediately. When symptoms persist or in all cases of doubt seek medical advice. |
|---------------------------------|-------|--|
| Protection of first-aiders | : | First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists (see section 8). |
| If inhaled | : | If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. |
| In case of skin contact | : | In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse. |
| In case of eye contact | : | Flush eyes with water as a precaution. Get medical attention if irritation develops and persists. |
| If swallowed | : | If swallowed, DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water. |
| 4.2 Most important symptoms | and e | effects, both acute and delayed |
| Risks | : | May cause allergy or asthma symptoms or breathing difficul- ties if inhaled. |
| | | Excessive exposure may aggravate preexisting asthma and other respiratory disorders (e.g. emphysema, bronchitis, reactive airways dysfunction syndrome). |
| 4.3 Indication of any immediate | e med | dical attention and special treatment needed |

Treatment : Treat symptomatically and supportively.



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SECTION 5: Firefighting measures

5.1 Extinguishing media

| | Suitable extinguishing media : | : | Water spray Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical |
|-----|---|----|---|
| | Unsuitable extinguishing : media | : | None known. |
| 5.2 | Special hazards arising from the | he | substance or mixture |
| | Specific hazards during fire- : fighting | : | Exposure to combustion products may be a hazard to health. |
| | Hazardous combustion prod- : ucts | : | Carbon oxides Nitrogen oxides (NOx) Sulphur oxides Metal oxides |
| 5.3 | Advice for firefighters | | |
| | Special protective equipment : for firefighters | : | In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment. |
| | Specific extinguishing meth- : ods | : | Use extinguishing measures that are appropriate to local cir- cumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. |

Evacuate area.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

| | | e equipinent and entergency preceduree |
|-------------------------------|---|---|
| Personal precautions | : | Use personal protective equipment. Follow safe handling advice (see section 7) and personal pro- tective equipment recommendations (see section 8). |
| 6.2 Environmental precautions | | |
| Environmental precautions | : | Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g. by containment or oil barriers). Retain and dispose of contaminated wash water. If spillage enters rivers or watercourses, inform the Environ- ment Agency (emergency telephone number 0800 807060). |



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6.3 Methods and material for containment and cleaning up

| Methods for cleaning up | : Soak up with inert absorbent material. |
|-------------------------|---|
| include for ordening up | For large spills, provide dyking or other appropriate contain- ment to keep material from spreading. If dyked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absor- bent. |
| | Local or national regulations may apply to releases and dis- posal of this material, as well as those materials and items employed in the cleanup of releases. You will need to deter- mine which regulations are applicable. Sections 13 and 15 of this SDS provide information regarding certain local or national requirements. |

6.4 Reference to other sections

See sections: 7, 8, 11, 12 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

| in the could on 5 for Sale handlin | iig | |
|------------------------------------|--------|---|
| Technical measures | : | See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section. |
| Local/Total ventilation | : | If sufficient ventilation is unavailable, use with local exhaust ventilation. |
| Advice on safe handling | : | Do not get on skin or clothing. Do not breathe mist or vapours. Do not swallow. Avoid contact with eyes. Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure as- sessment Keep container tightly closed. Already sensitised individuals, and those susceptible to asthma, allergies, chronic or recurrent respiratory disease, should consult their physician regarding working with respira- tory irritants or sensitisers. Take care to prevent spills, waste and minimize release to the environment. |
| Hygiene measures | : | If exposure to chemical is likely during typical use, provide eye flushing systems and safety showers close to the working place. When using do not eat, drink or smoke. Wash contami- nated clothing before re-use. The effective operation of a facility should include review of engineering controls, proper personal protective equipment, appropriate degowning and decontamination procedures, industrial hygiene monitoring, medical surveillance and the use of administrative controls. |
| 2 Conditions for safe storage | , incl | uding any incompatibilities |

7.2 Conditions for safe storage, including any incompatibilities

| Requirements for storage | : | Keep in properly labelled containers. Keep tightly closed. |
|--------------------------|---|---|
| areas and containers | | Keep in a cool, well-ventilated place. Store in accordance with |
| | | the particular national regulations. |



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| Advic | e on common storage | | e with the following product types: izing agents |
| - | ic end use(s) fic use(s) | : No data ava | ilable |

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

| Components | CAS-No. | Value type (Form of exposure) | Control parameters | Basis | | |
|------------|---------------------------|-------------------------------|--------------------|----------|--|--|
| Cefquinome | 118443-89- 3 | TWA | 2000 µg/m3 (OEB 1) | Internal | | |
| | Further information: RSEN | | | | | |

Derived No Effect Level (DNEL)

| Substance name | End Use | Exposure routes | Potential health ef- fects | Value |
|---|-----------|-----------------|-------------------------------|-----------------------|
| Glycerides, mixed decanoyl and oc- tanoyl | Workers | Inhalation | Long-term systemic effects | 177.79 mg/m3 |
| | Workers | Skin contact | Long-term systemic effects | 25.21 mg/kg bw/day |
| | Consumers | Inhalation | Long-term systemic effects | 43.84 mg/m3 |
| | Consumers | Skin contact | Long-term systemic effects | 12.61 mg/kg bw/day |
| | Consumers | Ingestion | Long-term systemic effects | 12.61 mg/kg bw/day |

Predicted No Effect Concentration (PNEC)

| Substance name | Environmental Compartment | Value |
|--------------------------------|----------------------------|-----------------|
| Glycerides, mixed decanoyl and | Oral (Secondary Poisoning) | 0.03 mg/kg food |
| octanoyl | | |

8.2 Exposure controls

Engineering measures

Use appropriate engineering controls and manufacturing technologies to control airborne concentrations (e.g., drip-less quick connections).

All engineering controls should be implemented by facility design and operated in accordance with GMP principles to protect products, workers, and the environment. Laboratory operations do not require special containment.

Personal protective equipment

Eye/face protection : Wear safety glasses with side shields or goggles.



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| | | mists or aeros Wear a faces | vironment or activity involves dusty conditions, sols, wear the appropriate goggles. hield or other full face protection if there is a lirect contact to the face with dusts, mists, or |
| | protection terial | : Chemical-resi | stant gloves |
| | nd body protection ratory protection | : If adequate lo sure assessm ommended gu | or laboratory coat. cal exhaust ventilation is not available or expo- ent demonstrates exposures outside the rec- udelines, use respiratory protection. ould conform to BS EN 14387 |
| Filt | er type | | ticulates and organic vapour type (A-P) |

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| Appearance Colour Odour Odour Threshold | : | suspension white to off-white, off-white to beige No data available No data available |
|--|---|--|
| рН | : | No data available |
| Melting point/freezing point | : | No data available |
| Initial boiling point and boiling | : | No data available |
| range Flash point | : | No data available |
| Evaporation rate | : | No data available |
| Flammability (solid, gas) | : | Not applicable |
| Upper explosion limit / Upper flammability limit | : | No data available |
| Lower explosion limit / Lower flammability limit | : | No data available |
| Vapour pressure | : | No data available |
| Relative vapour density | : | No data available |
| Relative density | : | No data available |
| Density | : | 0.800 - 1.100 g/cm³ |
| Solubility(ies) Water solubility Partition coefficient: n- | : | No data available Not applicable |

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|----------------|--|---|------------------|
| | tanol/water to-ignition temperature | : No data available | |
| De | composition temperature | : No data available | |
| Vis | scosity Viscosity, kinematic | : No data available | |
| Ex | plosive properties | : Not explosive | |
| O | idizing properties | : The substance or mixture is not classifie | ed as oxidizing. |
| • • • | er information ammability (liquids) | : No data available | |
| Мо | blecular weight | : No data available | |
| Pa | rticle size | : Not applicable | |

SECTION 10: Stability and reactivity

| 10.1 Reactivity | | | | | | |
|--|---|--|--|--|--|--|
| Not classified as a reactivity hazard. | | | | | | |
| 10.2 Chemical stability | | | | | | |
| Stable under normal conditio | ns. | | | | | |
| 10.3 Possibility of hazardous re | eactions | | | | | |
| Hazardous reactions | : Can react with strong oxidizing agents. | | | | | |
| | | | | | | |
| 10.4 Conditions to avoid | | | | | | |
| Conditions to avoid | : None known. | | | | | |
| 10.5 Incompatible materials | | | | | | |
| Materials to avoid | : Oxidizing agents | | | | | |
| 10.6 Hazardous decomposition | products | | | | | |
| No hazardous decomposition products are known. | | | | | | |
| SECTION 11: Toxicological i | nformation | | | | | |
| | | | | | | |
| 11.1 Information on toxicological effects | | | | | | |
| Information on likely routed a | f : Inhalation | | | | | |

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| | cute toxicity ot classified based on availa | bla | information | |
| | omponents: | luie | information. | |
| | efquinome: | | | |
| | cute oral toxicity | : | LD50 (Mouse): > \$ | 5,000 mg/kg |
| Ac | cute inhalation toxicity | : | Remarks: No data | available |
| Ad | cute dermal toxicity | : | Remarks: No data | available |
| _ | kin corrosion/irritation ot classified based on availa | ble | information. | |
| <u>C</u> (| omponents: | | | |
| | e fquinome: esult | : | Irritating to skin. | |
| | erious eye damage/eye irr ot classified based on availa | | | |
| <u>C</u> | omponents: | | | |
| | e fquinome: esult | : | Irritating to eyes. | |
| Re | espiratory or skin sensitis | atio | on | |
| _ | kin sensitisation ot classified based on availa | ble | information. | |
| | espiratory sensitisation ay cause allergy or asthma | svn | nptoms or breathing | difficulties if inhaled. |
| | omponents: | , | | |
| E | efquinome: xposure routes esult | : | Inhalation May cause sensiti | sation by inhalation. |
| | erm cell mutagenicity ot classified based on availa | ble | information. | |
| | arcinogenicity ot classified based on availa | ble | information. | |
| | eproductive toxicity ot classified based on availa | ble | information. | |
| | FOT - single exposure ot classified based on availa | ble | information. | |
| | | | | |

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|---------------|----------|--|------|--------------------------------------|--|
| <u>c</u> | Compo | onents: | | | |
| С | Cefqui | nome: | | | |
| A | ssess | ment | : | May cause respir | atory irritation. |
| | | repeated exposure ssified based on availa | able | information. | |
| Α | Aspirat | tion toxicity | | | |
| Ν | lot clas | ssified based on availa | able | information. | |
| E | Experie | ence with human exp | osi | ıre | |
| <u>C</u> | Compo | onents: | | | |
| С | Cefqui | nome: | | | |
| Ir | nhalati | on | : | tract irritation, Ra | hylaxis, bronchospasm, Cough, respiratory sh, rhinitis, runny nose, sneezing oduce an allergic reaction. |
| S | Skin co | ntact | : | Remarks: May irr May produce an a | |
| E | Eye cor | ntact | : | Remarks: May irr | |

SECTION 12: Ecological information

12.1 Toxicity

Components:

| Cefquinome: Toxicity to fish | : | LC50 (Brachydanio rerio (zebrafish)): > 500 mg/l Exposure time: 96 h Method: OECD Test Guideline 203 |
|---|---|--|
| Toxicity to daphnia and other aquatic invertebrates | : | EC50 (Daphnia magna (Water flea)): > 100 mg/l Exposure time: 48 h Method: OECD Test Guideline 202 |
| Toxicity to algae/aquatic plants | : | EC50 (Pseudokirchneriella subcapitata (green algae)): 86 mg/l Exposure time: 72 h Method: OECD Test Guideline 201 |
| | | NOEC (Pseudokirchneriella subcapitata (green algae)): 37 mg/l Exposure time: 72 h Method: OECD Test Guideline 201 |
| | | EC50 (Anabaena flos-aquae (cyanobacterium)): 0.041 mg/l Exposure time: 72 h Method: OECD Test Guideline 201 |
| | | NOEC (Anabaena flos-aquae (cyanobacterium)): 0.014 mg/l Exposure time: 72 h |



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| | | | | Method: OECD T | est Guideline 201 | |
| | /I-Fact city) | or (Acute aquatic tox- | : | 10 | | |
| Т | Toxicity to microorganisms | | : | EC50 : > 1,000 m Exposure time: 3 Test Type: Respi Method: OECD T | ĥ | |
| | | | | NOEC : 295.3 mg/l Exposure time: 3 h Test Type: Respiration inhibition Method: OECD Test Guideline 209 | | |
| | /I-Fact oxicity | or (Chronic aquatic) | : | 1 | | |
| 12.2 P | Persis | tence and degradabi | lity | | | |
| <u>C</u> | Compo | onents: | | | | |
| | - | nome: radability | : | Biodegradation: Exposure time: 3 | 40 % | |
| S | Stability in water | | : | Hydrolysis: > 90 ^o Method: FDA 3.0 | | |
| 12.3 E | Bioaco | cumulative potential | | | | |
| <u>C</u> | Compo | onents: | | | | |
| Р | artitio | nome: n coefficient: n- /water | : | log Pow: -2.01 | | |
| 12.4 N | Nobilit | ty in soil | | | | |
| <u>C</u> | Compo | onents: | | | | |
| D | Distribu | nome: ution among environ- compartments | : | log Koc: 2.76 | | |
| 12.5 R | Result | s of PBT and vPvB a | sse | ssment | | |
| | Produc Assess | | : | to be either persis | nixture contains no components considered stent, bioaccumulative and toxic (PBT), or nd very bioaccumulative (vPvB) at levels of | |



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| 12.6 Othe | r adverse effects | | | |
| Drad | | | | |

Product:

| Endocrine disrupting poten- tial | : | This substance/mixture does not contain components considered to have endocrine disrupting properties for environment |
|-------------------------------------|---|---|
| | | according to UK REACH Article 57(f). |

SECTION 13: Disposal considerations

13.1 Waste treatment methods

| Product | Dispose of in accordance with local regulations. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities. Do not dispose of waste into sewer. |
|------------------------|--|
| Contaminated packaging | Empty containers should be taken to an approved waste han- dling site for recycling or disposal. If not otherwise specified: Dispose of as unused product. |

SECTION 14: Transport information

14.1 UN number

| ADN | : | UN 3082 |
|------------------------------|---|--|
| ADR | : | UN 3082 |
| RID | : | UN 3082 |
| IMDG | : | UN 3082 |
| ΙΑΤΑ | : | UN 3082 |
| 14.2 UN proper shipping name | | |
| ADN | : | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Cefquinome) |
| ADR | : | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Cefquinome) |
| RID | : | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Cefquinome) |
| IMDG | : | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Cefquinome) |
| ΙΑΤΑ | : | Environmentally hazardous substance, liquid, n.o.s. (Cefquinome) |

14.3 Transport hazard class(es)

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| | | | | |
| | | | Class | Subsidiary risks |
| ADN | | : | 9 | |
| ADR | | : | 9 | |
| RID | | : | 9 | |
| IMDG | ì | : | 9 | |
| ΙΑΤΑ | | : | 9 | |
| 14.4 Pack | ing group | | | |
| ADN | | | | |
| | ng group | : | | |
| | ification Code rd Identification Number | ÷ | M6 | |
| Haza Label | | | 90 9 | |
| ADR | - | • | - | |
| | ng group | : | III | |
| Class | ification Code | : | M6 | |
| | rd Identification Number | ÷ | 90 | |
| Label Tunn | s el restriction code | | 9 (-) | |
| RID | | | () | |
| | ng group | : | III | |
| Class | ification Code | : | M6 | |
| | rd Identification Number | : | 90 | |
| Label | | • | 9 | |
| IMDG Packi | ng group | | Ш | |
| Label | | ÷ | 9 | |
| EmS | Code | : | F-A, S-F | |
| | (Cargo) | | | |
| | ng instruction (cargo | : | 964 | |
| aircra Packi | ng instruction (LQ) | : | Y964 | |
| | ng group | : | III | |
| Label | S | : | Miscellaneous | |
| | (Passenger) | | | |
| | ng instruction (passen- ircraft) | : | 964 | |
| | ng instruction (LQ) | : | Y964 | |
| Packi | ng group | : | III | |
| Label | S | : | Miscellaneous | |
| 14.5 Envii | ronmental hazards | | | |
| ADN | | | | |
| Envir | onmentally hazardous | : | yes | |
| ADR | | | | |
| Envir | onmentally hazardous | : | yes | |

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| | RID Enviro | nmentally hazardous | : | yes | |
| | IMDG Marine | pollutant | : | yes | |
| | | Passenger) nmentally hazardous | : | yes | |
| | | Cargo) nmentally hazardous | : | yes | |
| 11 | 6 Speed | al propoutions for us | ~ r | | |

14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

: Not applicable for product as supplied.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Remarks

. . .

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mix-ture

Relevant EU provisions transposed through retained EU law

| UK REACH List of restrictions (Ann | ex 17) : | : | Conditions of restr lowing entries show Number on list 3 | |
|---|-----------------------|----|--|--|
| | | | Substance(s) or m here according to t in the regulation, ir use/purpose or the restriction. Please tions in correspond determine whether cable to the placing not. | heir appearance respective of their conditions of the refer to the condi- ling Regulation to an entry is appli- |
| UK REACH Candidate list of substa concern (SVHC) for Authorisation | ances of very high : | : | Not applicable | |
| The Persistent Organic Pollutants R Regulation (EU) 2019/1021 as ame ain) | | : | Not applicable | |
| Regulation (EC) on substances that layer | t deplete the ozone | : | Not applicable | |
| UK REACH List of substances subj (Annex XIV) | ect to authorisation | : | Not applicable | |
| GB Export and import of hazardous Informed Consent (PIC) Regulation | | : | Not applicable | |
| Control of Major Accident Hazards | Regulations 2015 (CON | ΛA | H) Quantity 1 | Quantity 2 |
| E1 E | ENVIRONMENTAL | | 100 t | 200 t |

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HAZARDS

Other regulations:

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to protection of young people at work contained in Regulation 19) and of Directive 94/33/EC on the protection of young people at work.

| DSL | : | not determined |
|-------|---|----------------|
| AICS | : | not determined |
| IECSC | : | not determined |

15.2 Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

| Other information | : | Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines. |
|---------------------------|---|--|
| Full text of H-Statements | | |
| H315 | : | Causes skin irritation. |
| H319 | : | Causes serious eye irritation. |
| H334 | : | May cause allergy or asthma symptoms or breathing difficul- ties if inhaled. |
| H335 | : | May cause respiratory irritation. |
| H400 | : | Very toxic to aquatic life. |

H410 : Very toxic to aquatic life with long lasting effects.

Full text of other abbreviations

| Aquatic Acute : | Short-term (acute) aquatic hazard |
|-------------------|--|
| Aquatic Chronic : | Long-term (chronic) aquatic hazard |
| Eye Irrit. : | Eye irritation |
| Resp. Sens. | Respiratory sensitisation |
| Skin Irrit. | Skin irritation |
| STOT SE : | Specific target organ toxicity - single exposure |

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships car-



Cefquinome Liquid Formulation

| Version | Revision Date: | SDS Number: | Date of last issue: 06.04.2024 |
|---------|----------------|---------------|---------------------------------|
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rying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI -Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Further information

| Sources of key data used to | : | Internal technical data, data from raw material SDSs, OECD |
|----------------------------------|---|--|
| compile the Safety Data Sheet | | eChem Portal search results and European Chemicals Agen- cy, http://echa.europa.eu/ |

| Classification of the | Classification procedure: | |
|-----------------------|---------------------------|--------------------|
| Resp. Sens. 1 | H334 | Calculation method |
| Aquatic Acute 1 | H400 | Calculation method |
| Aquatic Chronic 2 | H411 | Calculation method |

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 is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.

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