

| Version | Revision Date: | SDS Number: | Date of last issue: 06.04.2024 |
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

| 1.1 | Product identifier Trade name | : | Sulfamethoxazole / Trimethoprim Formulation |
|-----|--|-----|---|
| 1.2 | Relevant identified uses of the | e 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 s | 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)

Skin corrosion, Sub-category 1A Serious eye damage, Category 1 Reproductive toxicity, Category 2 Specific target organ toxicity - repeated exposure, Category 2 Short-term (acute) aquatic hazard, Category 1 Long-term (chronic) aquatic hazard, Category 1 H314: Causes severe skin burns and eye damage.
H318: Causes serious eye damage.
H361d: Suspected of damaging the unborn child.
H373: May cause damage to organs through prolonged or repeated exposure.
H400: Very toxic to aquatic life.

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



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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)

| Hazard pictograms | : | | |
|-----------------------------------|---|-------------------------------|---|
| Signal word | : | Danger | • • |
| Hazard statements | • | H314 H361d H373 H410 | Causes severe skin burns and eye damage. Suspected of damaging the unborn child. May cause damage to organs through prolonged or repeated exposure. Very toxic to aquatic life with long lasting effects. |
| Supplemental Hazard Statements | : | EUH071 | Corrosive to the respiratory tract. |
| Precautionary statements | : | Prevention | : |
| | | P201 P273 P280 | Obtain special instructions before use. Avoid release to the environment. Wear protective gloves/ protective clothing/ eye protection/ face protection. |
| | | Response: | |
| | | P303 + P36 | 61 + P353 + P310 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Immediately call a POISON CENTER/ doctor. |
| | | P305 + P35 | with water for several minutes. Remove contact lenses, if present and easy to do. Continue rins- ing. Immediately call a POISON CENTER/ doctor. |
| | | P391 | Collect spillage. |

Hazardous components which must be listed on the label:

Trimethoprim Sodium hydroxide

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. | Classification | Concentration |
|--|---------------|---------|----------------|---------------|
|--|---------------|---------|----------------|---------------|

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| No. ex-No. istration number -46-6 -963-3 M-Factor (Acute 1; H400 Aquatic Chronic 1; H410 M-Factor (Acute aquatic toxicity): 10 M-Factor (Chronic aquatic toxicity): 10 -70-5 -006-2 Repr. 2; H361d STOT RE 1; H372 (Bone marrow) Aquatic Chronic 2; | (% w/w) >= 30 - < 50 >= 3 - < 10 |
|---|---|
| -963-3 H400 Aquatic Chronic 1; H410 M-Factor (Acute aquatic toxicity): 10 M-Factor (Chronic aquatic toxicity): 10 -70-5 Acute Tox. 4; H302 Repr. 2; H361d STOT RE 1; H372 (Bone marrow) | |
| -006-2 Repr. 2; H361d STOT RE 1; H372 (Bone marrow) | >= 3 - < 10 |
| H411 | |
| $\begin{array}{llllllllllllllllllllllllllllllllllll$ | >= 5 - < 10 |
| | Skin Corr. 1A; H314 >= 5 % Skin Corr. 1B; H314 2 - < 5 % Skin Irrit. 2; H315 0.5 - < 2 % |

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 potentia | al for exposure exists (see section 8). | |
|---------------|---------------------|-------|---|--|--|
| lf inhale | d | : | If breathing is diff | e to fresh air. give artificial respiration. icult, give oxygen. ntion immediately. | |
| In case | of skin contact | : | for at least 15 min and shoes. Get medical atter Wash clothing be | t, immediately flush skin with plenty of water nutes while removing contaminated clothing ntion immediately. fore reuse. shoes before reuse. | |
| In case | of eye contact | : | In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lens, if worn. Get medical attention immediately. | | |
| If swalld | owed | : | If vomiting occurs Call a physician of Rinse mouth thor | NOT induce vomiting. have person lean forward. or poison control centre immediately. oughly with water. ing by mouth to an unconscious person. | |
| 4.2 Most im | portant symptoms | and e | effects, both acute | e and delayed | |
| Risks | | : | Causes serious e Suspected of dar | eye damage. naging the unborn child. ge to organs through prolonged or repeated urns. | |
| | | | Causes digestive | tract burns. | |
| 4.3 Indicatio | on of any immediate | e meo | dical attention and | d special treatment needed | |
| Treatme | - | : | | ically and supportively. | |

| i Exunguishing media | | |
|--------------------------------|---|---|
| Suitable extinguishing media | : | Water spray Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical |
| Unsuitable extinguishing media | : | None known. |



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| 5.2 Sp | pecial h | azards arising from | the | substance or mi | xture |
| S | | - | | | pustion products may be a hazard to health. |
| | lazardo icts | us combustion prod- | : | Carbon oxides Nitrogen oxides (I Sulphur oxides Metal oxides | NOx) |
| 5.3 Ac | dvice fo | or firefighters | | | |
| | Special p or firefig | protective equipment hters | : | | e, wear self-contained breathing apparatus. tective equipment. |
| | Specific ods | extinguishing meth- | : | cumstances and t Use water spray t | measures that are appropriate to local cir- he surrounding environment. o cool unopened containers. ged containers from fire area if it is safe to do |

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

| 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). |

6.3 Methods and material for containment and cleaning up

| Methods for cleaning up | : Soak up with inert absorbent material. 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. |

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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 **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. Do not get in eyes. Wash skin thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure assessment Keep container tightly closed. Do not eat, drink or smoke when using this product. 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 contaminated 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.

7.2 Conditions for safe storage, including any incompatibilities

| Requirements for storage areas and containers | : | Keep in properly labelled containers. Store locked up. Keep tightly closed. Store in accordance with the particular national regulations. |
|---|---|--|
| Advice on common storage | : | Do not store with the following product types: Strong oxidizing agents Self-reactive substances and mixtures Organic peroxides Explosives Gases |
| 7.3 Specific end use(s) Specific use(s) | : | No data available |



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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

| Components | CAS-No. | Value type (Form of exposure) | Control parameters | Basis |
|------------------|-----------|-------------------------------|--------------------------------|----------|
| Sulfamethoxazole | 723-46-6 | TWA | OEB 2 (>= 100 < 1000 µg/m3) | Internal |
| Trimethoprim | 738-70-5 | TWA | 400 µg/m3 (OEB 2) | Internal |
| Sodium hydroxide | 1310-73-2 | STEL | 2 mg/m3 | GB EH40 |

Derived No Effect Level (DNEL)

| Substance name | End Use | Exposure routes | Potential health ef- fects | Value |
|------------------|-----------|-----------------|-------------------------------|---------|
| Sodium hydroxide | Consumers | Inhalation | Long-term local ef- fects | 1 mg/m3 |
| | Workers | Inhalation | Long-term local ef- fects | 1 mg/m3 |

Predicted No Effect Concentration (PNEC)

| Substance name | Environmental Compartment | Value |
|----------------|---------------------------|----------|
| Trimethoprim | Water | 0.9 mg/l |

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. If the work environment or activity involves dusty conditions, mists or aerosols, wear the appropriate goggles. Wear a faceshield or other full face protection if there is a potential for direct contact to the face with dusts, mists, or aerosols. |
|--|---|---|
| Hand protection | | |
| Material | : | Chemical-resistant gloves |
| Skin and body protection Respiratory protection | : | Work uniform or laboratory coat. If adequate local exhaust ventilation is not available or expo- sure assessment demonstrates exposures outside the rec- ommended guidelines, use respiratory protection. Equipment should conform to BS EN 143 |
| Filter type | : | Particulates type (P) |



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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 No data available No data available |
|-----|---|---|--|
| | рН | : | 9.5 - 12.5 |
| | Melting point/freezing point | : | No data available |
| | Initial boiling point and boiling range | : | No data available |
| | 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 | : | 1.179 g/cm ³ |
| | Solubility(ies) Water solubility Partition coefficient: n- octanol/water | : | No data available Not applicable |
| | Auto-ignition temperature | : | No data available |
| | Decomposition temperature | : | No data available |
| | Viscosity Viscosity, kinematic | : | No data available |
| | Explosive properties | : | Not explosive |
| | Oxidizing properties | : | The substance or mixture is not classified as oxidizing. |
| 9.2 | Other information | | |
| | Flammability (liquids) | • | No data available |

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|---------------------------|--|--------|--|---|--|--|--|
| Moleo | cular weight | : | No data available | e | | | |
| Partic | le size | : | Not applicable | | | | |
| SECTION | I 10: Stability and rea | activ | vity | | | | |
| 10.1 Reac Not c | tivity lassified as a reactivity h | iazai | rd. | | | | |
| | nical stability e under normal conditior | ıs. | | | | | |
| 10.3 Poss | ibility of hazardous rea | actio | ons | | | | |
| | rdous reactions | : | | rong oxidizing agents. | | | |
| | litions to avoid itions to avoid | : | None known. | | | | |
| 10.5 Incor | npatible materials | | | | | | |
| Mater | ials to avoid | : | Oxidizing agents Acids | | | | |
| No ha | rdous decomposition pazardous decomposition | proc | ducts are known. | | | | |
| 11.1 Infor | mation on toxicologica | ıl eff | ects | | | | |
| Inforn expos | nation on likely routes of sure | : | Inhalation Skin contact Ingestion Eye contact | | | | |
| | e toxicity lassified based on availa | able | information. | | | | |
| Prod | uct: | | | | | | |
| | oral toxicity | : | Acute toxicity esti Method: Calculati | mate: > 2,000 mg/kg on method | | | |
| Com | oonents: | | | | | | |
| | methoxazole: oral toxicity | : | LD50 (Mouse): 2, | 300 mg/kg | | | |
| Trime | Trimethoprim: | | | | | | |



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| Acute | oral toxicity | : | LD50 (Rat): 1,500 | - 5,300 mg/kg |
| | | | LD50 (Mouse): 1,9 | 910 - 7,000 mg/kg |
| | toxicity (other routes of stration) | : | LD50 (Rat): 400 - Application Route | |
| | | | LD50 (Dog): 90 m Application Route | |
| | | | LD50 (Mouse): 13 Application Route | |
| Sodiu | m hydroxide: | | | |
| Acute | inhalation toxicity | : | Assessment: Corr | osive to the respiratory tract. |
| | orrosion/irritation s severe burns. | | | |
| <u>Comp</u> | onents: | | | |
| Sulfan | nethoxazole: | | | |
| Specie Result | | : | Rabbit No skin irritation | |
| Sodiu Result | m hydroxide: | : | Corrosive after 3 r | ninutes or less of exposure |
| | i s eye damage/eye irri s serious eye damage. | tati | on | |
| | onents: | | | |
| Sodiu | m hydroxide: | | | |
| Result Remar | | : | Irreversible effects Based on skin cor | |
| Respir | atory or skin sensitis | atio | n | |
| | ensitisation assified based on availa | ble | information. | |
| - | ratory sensitisation assified based on availa | ble | information. | |
| Comp | onents: | | | |
| Test T | ure routes | : | Magnusson-Kligm Skin contact Guinea pig | an-Test |
| | | | 10 / 21 | |

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|----------------|---------------------------|-----------|---|--|
| Resu | ılt | : | negative | |
| Trim | ethoprim: | | | |
| Test | Туре | : | Maximisation Te | est |
| | sure routes | | Dermal | |
| Spec | cies | : | Guinea pig | |
| Resu | ılt | : | Not a skin sensi | itizer. |
| Sodi | um hydroxide: | | | |
| Test | Туре | : | Human repeat i | nsult patch test (HRIPT) |
| Expo | sure routes | | Skin contact | |
| Resu | ılt | : | negative | |
| Gern | n cell mutagenicity | | | |
| Not o | classified based on ava | ailable i | nformation. | |
| <u>Com</u> | ponents: | | | |
| Sulfa | amethoxazole: | | | |
| Geno | otoxicity in vitro | | Test Type: Bact Result: negative | erial reverse mutation assay (AMES) |
| | | | Test Type: Chro Result: negative | omosome aberration test in vitro |
| Geno | otoxicity in vivo | | | |
| Trim | ethoprim: | | | |
| | otoxicity in vitro | : | Test Type: Bact Result: negative | erial reverse mutation assay (AMES) |
| | | | Test Type: Chro Result: negative | omosomal aberration |
| | | | Test Type: In vi Result: negative | tro mammalian cell gene mutation test |
| | | | | a damage and repair, unscheduled DNA syn- alian cells (in vitro) e |
| Geno | otoxicity in vivo | | Test Type: Micr Species: Rat Result: negative | |
| | | | Test Type: Chro Species: Humai | omosomal aberration ns |

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|--|----------------|---------------------------|------------------------------|---|

Result: negative

Carcinogenicity

Not classified based on available information.

Components:

Sulfamethoxazole:

| Species | : | Mouse |
|-------------------|---|-----------|
| Application Route | : | Ingestion |
| Exposure time | : | 26 weeks |
| Result | : | negative |

Reproductive toxicity

Suspected of damaging the unborn child.

Components:

Trimethoprim:

| Effects on fertility : | Test Type: Fertility Species: Rat Application Route: Oral Fertility: NOAEL: 70 mg/kg body weight Result: No effects on fertility |
|-----------------------------------|--|
| Effects on foetal develop- : ment | Test Type: Development Species: Rat Application Route: Oral Developmental Toxicity: LOAEL: 70 mg/kg body weight Result: Effects on newborn Remarks: Maternal toxicity observed. |
| | Test Type: Development Species: Rat Application Route: Oral Developmental Toxicity: LOAEL: 70 mg/kg body weight Result: Embryotoxic effects. Remarks: Maternal toxicity observed. |
| | Test Type: Development Species: Rat Application Route: Oral Developmental Toxicity: LOAEL: 15 mg/kg body weight Result: Embryotoxic effects., Teratogenic effects |
| | Test Type: Development Species: Hamster Application Route: Oral Developmental Toxicity: LOAEL: 1.7 mg/kg body weight Result: Embryotoxic effects., No teratogenic effects |
| | Test Type: Development |

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| | | Applica Develo | | e: Oral oxicity: LOAEL: 100 mg/kg body weight oxic effects., No teratogenic effects |
| Repro sessn | oductive toxicity - As- nent | : Suspec | cted of da | maging the unborn child. |
| | - single exposure sive to the respiratory t | ract. | | |
| STOT | - repeated exposure | | | |
| May o | cause damage to orgar | s through pro | olonged or | repeated exposure. |
| <u>Comp</u> | oonents: | | | |
| Trime | ethoprim: | | | |
| Targe | et Organs ssment | : Bone n : Causes exposu | s damage | to organs through prolonged or repeated |
| Repe | ated dose toxicity | | | |
| Com | oonents: | | | |
| Trime | ethoprim: | | | |
| Expos | EL | : Rat : 100 mg : 300 m : Oral : 6 Mont : Bone n | g/kg hs | ver, Pituitary gland, Thyroid |
| Expos | | : Rat : 300 m : Oral : 3 Mont : Bone n | hs | |
| Expos | EL | : Dog : 2.5 mg : 45 mg : Oral : 3 Mont : Blood, | /kg | |
| - | ation toxicity lassified based on avai | able information | tion. | |
| | rience with human ex | | | |
| • | e e no entre i | | | |

Components:

Trimethoprim:



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| Inge | Ingestion | | : Target Organs: Bone marrow Symptoms: Abdominal pain, Nausea, Vomiting, skin rash, Dizziness, Headache, mental depression, confusion | | | |
| SECTIC | N 12: Ecological infor | ma | tion | | | |
| 12.1 Tox | kicity | | | | | |
| <u>Cor</u> | nponents: | | | | | |
| Sul | famethoxazole: | | | | | |
| Тох | icity to fish | : | LC50 (Oryzias latip Exposure time: 96 l | es (Japanese medaka)): 562.5 mg/l า | | |
| | icity to daphnia and other atic invertebrates | : | EC50 (Ceriodaphni Exposure time: 48 l | a dubia (water flea)): 0.21 mg/l า | | |
| Tox plar | icity to algae/aquatic hts | : | EC50 (Synechocod 0.0268 mg/l Exposure time: 96 l | rcus leopoliensis (blue-green algae)): n | | |
| | | | NOEC (Synechoco 0.0059 mg/l Exposure time: 96 l | ccus leopoliensis (blue-green algae)): n | | |
| M-F icity | actor (Acute aquatic tox- | : | 10 | | | |
| Тох | icity to microorganisms | : | NOEC (activated sl Method: OECD Tes | | | |
| Tox icity | icity to fish (Chronic tox- | : | NOEC: 0.533 mg/l Exposure time: 21 o Species: Danio reri | | | |
| aqu | icity to daphnia and other atic invertebrates (Chron- oxicity) | : | NOEC: 0.01 mg/l Exposure time: 30 o Species: Daphnia r | | | |
| M-F toxi | actor (Chronic aquatic city) | : | 10 | | | |
| Trin | nethoprim: | | | | | |
| Тох | icity to fish | : | LC50 (Pimephales Exposure time: 96 l | promelas (fathead minnow)): 100 mg/l า | | |
| | icity to daphnia and other atic invertebrates | : | EC50 (Daphnia ma Exposure time: 48 l | gna Straus): 92 mg/l า | | |
| Tox plar | icity to algae/aquatic hts | : | EC50 (Pseudokirch mg/l Exposure time: 72 l | neriella subcapitata (microalgae)): 80.3 n | | |



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| | | | NOEC (Pseudoki mg/l Exposure time: 72 | rchneriella subcapitata (green algae)): 16 2 h | | |
| | | | EC50 (Anabaena Exposure time: 72 | flos-aquae): 253 mg/l 2 h | | |
| | | | EC10 (Anabaena Exposure time: 72 | flos-aquae): 26 mg/l 2 h | | |
| Toxici | Toxicity to microorganisms | | EC10 : 16.7 mg/l Exposure time: 3 Test Type: Respir Method: OECD T | ration inhibition | | |
| | | | EC50 : > 1,000 m Exposure time: 3 Test Type: Respir Method: OECD T | hrs ration inhibition | | |
| Toxici icity) | Toxicity to fish (Chronic tox- icity) | | NOEC: 0.157 mg/ Exposure time: 2 ² Species: Zebrafis | 1 d | | |
| aquat | Toxicity to daphnia and other aquatic invertebrates (Chron- ic toxicity) | | NOEC: 6 mg/l Exposure time: 21 d Species: Daphnia magna (Water flea) | | | |
| 12.2 Persi | stence and degradabil | lity | | | | |
| Comp | oonents: | | | | | |
| | methoxazole: gradability | : | Result: Not readil Biodegradation: (Exposure time: 28 Method: OECD T | 0% | | |
| Trime | ethoprim: | | | | | |
| Biode | gradability | : | Result: Not readily Biodegradation: 4 Exposure time: 28 Method: OECD T | 4 % | | |
| | | | Biodegradation: (Exposure time: 28 | | | |

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| 12.3 Bioa | ccumulative potential | | |
| Com | ponents: | | |
| Sulfa | methoxazole: | | |
| Bioaccumulation | | | inus carpio (Carp) ion factor (BCF): < 120 |
| | ion coefficient: n- ol/water | : log Pow: 0.89 | |
| Trime | ethoprim: | | |
| | ion coefficient: n- ol/water | : log Pow: 0.91 | |
| | i lity in soil ata available | | |
| 12.5 Resu | Ilts of PBT and vPvB a | ssessment | |
| Prod | uct: | | |
| Asse | ssment | to be either pe | e/mixture contains no components considered ersistent, bioaccumulative and toxic (PBT), or it and very bioaccumulative (vPvB) at levels of r. |
| 12.6 Othe | r adverse effects | | |
| Prod | uct: | | |
| Endo tial | crine disrupting poten- | ered to have e | e/mixture does not contain components consid- endocrine disrupting properties for environment JK REACH Article 57(f). |
| SECTION | N 13: Disposal consi | derations | |
| 13 1 Wae | te treatment methods | | |
| Produ | | According to t are not produce Waste codes discussion with | accordance with local regulations. he European Waste Catalogue, Waste Codes ct specific, but application specific. should be assigned by the user, preferably in h the waste disposal authorities. e of waste into sewer. |

Contaminated packagingDo 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 1824

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



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|-----------------|---|---|---|---|--|--|--|
| AC | | | UN 1824 | | | | |
| RI | | • | UN 1824 UN 1824 | | | | |
| | DG | • | UN 1824 UN 1824 | | | | |
| IA [.] | - | • | UN 1824 UN 1824 | | | | |
| | | • | UN 1024 | | | | |
| | N proper shipping name | | | | | | |
| AD | | : | | | | | |
| AD | | : | | | | | |
| RI | | : | | DXIDE SOLUTION | | | |
| IM | DG | : | SODIUM HYDROXIDE SOLUTION (Sulfamethoxazole) | | | | |
| IA | ТА | : | Sodium hydroxid | e solution | | | |
| 14.3 Tr | ansport hazard class(es) | | | | | | |
| | | | Class | Subsidiary risks | | | |
| AD | DN | : | 8 | | | | |
| AD | DR | : | 8 | | | | |
| RI | D | : | 8 | | | | |
| IM | DG | : | 8 | | | | |
| IA | ТА | : | 8 | | | | |
| 14.4 Pa | acking group | | | | | | |
| Cla Ha | DN acking group assification Code azard Identification Number bels | : | II C5 80 8 | | | | |
| Cla Ha La | DR acking group assification Code azard Identification Number bels nnel restriction code | : | II C5 80 8 (E) | | | | |
| Cla Ha | D acking group assification Code azard Identification Number bels | : | II C5 80 8 | | | | |
| Pa La | DG locking group bels nS Code | : | II 8 F-A, S-B | | | | |
| IA | TA (Cargo) | | | | | | |

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



Sulfamethoxazole / Trimethoprim Formulation

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|------------------------------|--|---|----------------------------|---|
| Packing aircraft) | g instruction (cargo | : | 855 | |
| Packing Packing Labels | g instruction (LQ) g group | : | Y840 II Corrosive | |
| | Passenger) g instruction (passen- | : | 851 | |
| Packing | Packing instruction (LQ) Packing group | | Y840 II Corrosive | |
| 14.5 Enviro | 14.5 Environmental hazards | | | |
| ADN Environ | mentally hazardous | : | yes | |
| ADR Environ | mentally hazardous | : | yes | |
| RID Environ | mentally hazardous | : | yes | |
| | pollutant | : | yes | |

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.

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

Remarks

: Not applicable for product as supplied.

SECTION 15: Regulatory information

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

Relevant EU provisions transposed through retained EU law

UK REACH List of restrictions (Annex 17)

: Conditions of restriction for the following entries should be considered: Number on list 3

Substance(s) or mixture(s) are listed here according to their appearance in the regulation, irrespective of their use/purpose or the conditions of the restriction. Please refer to the conditions in corresponding Regulation to determine whether an entry is applicable to the placing on the market or not. According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



Sulfamethoxazole / Trimethoprim Formulation

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|-----------------|---------------------------|--|--------|----|---|---------------------|
| concer | n (SVHC) for Authoris | substances of very hig ation tants Regulations (reta | | : | Not applicable | |
| | | is amended for Great E | | • | | |
| Regula layer | ation (EC) on substanc | es that deplete the ozo | ne | : | Not applicable | |
| UK RE (Anne) | | es subject to authorisati | on | : | Not applicable | |
| ĠB Ex | , | ardous chemicals - Pric ulation | or | : | Not applicable | |
| Contro | ol of Major Accident Ha | zards Regulations 201 | 5 (CON | MA | .H) | |
| E1 | - | ENVIRONMENT HAZARDS | AL | | Quantity 1 100 t | Quantity 2 200 t |

Other regulations:

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to new and expectant mothers at work contained in Regulation 16 to 18) and of the Pregnant Workers Directive 92/85/EEC.

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.

The components of this product are reported in the following inventories:

| 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 | | |
| H290 | : | May be corrosive to metals. |
| H302 | | Harmful if swallowed. |
| H314 | : | Causes severe skin burns and eye damage. |
| H318 | | Causes serious eye damage. |
| H361d | : | Suspected of damaging the unborn child. |
| H372 | : | Causes damage to organs through prolonged or repeated exposure. |
| H400 | : | Very toxic to aquatic life. |
| H410 | | Very toxic to aquatic life with long lasting effects. |
| H411 | : | Toxic to aquatic life with long lasting effects. |

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Sulfamethoxazole / Trimethoprim Formulation

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Full text of other abbreviations

| Aquatic AcuteAquatic ChronicEye Dam.Met. Corr.Repr.Skin Corr.STOT REGB EH40 | Acute toxicity Short-term (acute) aquatic hazard Long-term (chronic) aquatic hazard Serious eye damage Corrosive to metals Reproductive toxicity Skin corrosion Specific target organ toxicity - repeated exposure UK. EH40 WEL - Workplace Exposure Limits |
|---|---|
| | Short-term exposure limit (15-minute reference period) |
| | |

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 carrying 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 | | eChem Portal search results and European Chemicals Agen- |
| Sheet | | cy, http://echa.europa.eu/ |

Classification of the mixture:

Classification procedure:

Skin Corr. 1A

Calculation method

H314



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|-------------------|---------------------------|------------------------------|---|--|
| Eye D | am. 1 | H318 | Calculation method | |
| Repr. 2 | | H361d | Calculation method | |
| STOT RE 2 | | H373 | Calculation method | |
| Aquatic Acute 1 | | H400 | Calculation method | |
| Aquatic Chronic 1 | | H410 | 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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