

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

1.1. Product identifier

Product form : Mixture
Trade name : Setanta Flo
Product code : C0054_B
Type of product : SC (Suspension Concentrate)
Other means of identification : Propyzamide 400 g/l

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

Relevant identified uses

Main use category : Professional use
Use of the substance/mixture : Herbicide
Function or use category : Plant protection products

1.3. Details of the supplier of the safety data sheet

Holder of the authorisation

Certis Belchim BV
Stadsplateau 16
NL 3521 AZ Utrecht
T +31 30 200 1200
info@certisbelchim.com, <https://certisbelchim.com>

Marketing company

Certis Belchim B.V.,
Suite 5, 3 Riverside, Granta Park,
Great Abington Cambridgeshire, CB21 6AD.
United Kingdom
T +44 (0)1223 652500, F +44 (0)1223 891210
info.uk@certisbelchim.com, www.certisbelchim.co.uk

1.4. Emergency telephone number

Emergency number : +44 1235 239670
24 hours a day, 7 days a week

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Carcinogenicity, Category 2 H351
Hazardous to the aquatic environment – Acute Hazard, Category 1 H400
Hazardous to the aquatic environment – Chronic Hazard, Category 1 H410
Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

Suspected of causing cancer. Very toxic to aquatic life with long lasting effects. Suspected of causing cancer.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS08

GHS09

Signal word (CLP) :

Warning

Contains

propyzamide (ISO); 3,5-dichloro-N-(1,1-dimethylprop-2-ynyl)benzamide; 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one

Setanta Flo

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

| | |
|--------------------------------|---|
| Hazard statements (CLP) | : H351 - Suspected of causing cancer. H410 - Very toxic to aquatic life with long lasting effects. |
| Precautionary statements (CLP) | : P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P273 - Avoid release to the environment. P280 - Wear protective gloves, protective clothing, eye protection, face protection. P308+P313 - IF exposed or concerned: Get medical advice/attention. P405 - Store locked up. P501 - Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste. |
| EUH-statements | : EUH208 - Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction. EUH401 - To avoid risks to human health and the environment, comply with the instructions for use. |
| Extra phrases | : SP1: Do not contaminate water with the product or its container (Do not clean application equipment near surface water/Avoid contamination via drains from farmyards and roads). For additional information regarding the extra phrases, please refer to the label. |

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

Contains no PBT and/or vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--|--|--------------------|---|
| propyzamide (ISO); 3,5-dichloro-N-(1,1-dimethylprop-2-ynyl)benzamide | CAS-No.: 23950-58-5 EC-No.: 245-951-4 EC Index-No.: 616-055-00-4 | $\geq 30 - < 50$ | Carc. 2, H351 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=100) |
| ethylene glycol | CAS-No.: 107-21-1 EC-No.: 203-473-3 EC Index-No.: 603-027-00-1 | $\geq 5 - \leq 10$ | Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) |
| 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one | CAS-No.: 2634-33-5 EC-No.: 220-120-9 EC Index-No.: 613-088-00-6 | < 0.1 | Acute Tox. 2 (Inhalation:dust,mist), H330 (ATE=0.21 mg/l) Acute Tox. 4 (Oral), H302 (ATE=450 mg/kg bodyweight) Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |

Specific concentration limits:

| Name | Product identifier | Specific concentration limits (%) |
|--|---|---|
| 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one | CAS-No.: 2634-33-5 EC-No.: 220-120-9 EC Index-No.: 613-088-00-6 | (0.036 \leq C \leq 100) Skin Sens. 1A; H317 |

Full text of H- and EUH-statements: see section 16

Setanta Flo

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------------------------|---|
| First-aid measures general | : IF exposed or concerned: Get medical advice/attention. |
| First-aid measures after inhalation | : Remove person to fresh air and keep comfortable for breathing. |
| First-aid measures after skin contact | : Wash skin with plenty of water. |
| First-aid measures after eye contact | : Rinse eyes with water as a precaution. |
| First-aid measures after ingestion | : Call a poison center or a doctor if you feel unwell. |
| First-aid measures for first aider | : First aid workers will be equipped with suitable personal protective equipment. |

4.2. Most important symptoms and effects, both acute and delayed

| | |
|-------------------------------------|---------------------------------|
| Symptoms/effects after inhalation | : None under normal conditions. |
| Symptoms/effects after skin contact | : None under normal conditions. |
| Symptoms/effects after eye contact | : None under normal conditions. |
| Symptoms/effects after ingestion | : None under normal conditions. |

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|--------------------------------|--|
| Suitable extinguishing media | : Water spray. Dry powder. Foam. Carbon dioxide. |
| Unsuitable extinguishing media | : Do not use a heavy water stream. |

5.2. Special hazards arising from the substance or mixture

| | |
|--|--------------------------------|
| Fire hazard | : No fire hazard. |
| Explosion hazard | : No direct explosion hazard. |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. |

5.3. Advice for firefighters

| | |
|--------------------------------|---|
| Firefighting instructions | : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection. |
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| | |
|------------------|--|
| General measures | : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage. |
|------------------|--|

For non-emergency personnel

| | |
|----------------------|---|
| Protective equipment | : Wear recommended personal protective equipment. |
| Emergency procedures | : Ventilate spillage area. |

For emergency responders

| | |
|----------------------|---|
| Protective equipment | : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
| Emergency procedures | : Evacuate unnecessary personnel. Stop leak if safe to do so. |

6.2. Environmental precautions

Avoid release to the environment.

Setanta Flo

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

6.3. Methods and material for containment and cleaning up

- For containment : Collect spillage. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.
- Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
- Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 8. For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.
- Precautions for safe handling : Ensure good ventilation of the work station. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment.
- Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Keep in a cool, well-ventilated place away from heat.
- Storage conditions : Store locked up.
- Maximum storage period : 24 months
- Storage temperature : 25 °C
- Packaging materials : Store always product in container of same material as original container.

7.3. Specific end use(s)

For further information see section 1. Herbicide. Restricted to professional users.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

National occupational exposure and biological limit values

| Setanta Flo | |
|---|---|
| United Kingdom - Occupational Exposure Limits | |
| Local name | Sodium hydroxide |
| WEL TWA (OEL TWA) | 10 mg/m ³ particulate |
| | 52 mg/m ³ vapour |
| | 20 ppm vapour |
| WEL STEL (OEL STEL) | 2 mg/m ³ |
| | 40 ppm vapour |
| Remark | Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity) |
| Regulatory reference | EH40/2005 (Fourth edition, 2020). HSE |

8.2. Exposure controls

Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Setanta Flo

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Personal protection equipment

Personal protective equipment:

Wear recommended personal protective equipment.

Personal protective equipment symbol(s):



Eye and face protection

Eye protection:

Safety glasses

Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Protective gloves

Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

Other information:

For UK: The above exposure control/personal protection recommendations are for manufacturing, formulation and packaging. For commercial and/or agricultural use, see product label.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|--|
| Physical state | : Liquid |
| Colour | : white. |
| Odour | : Fruity. |
| Odour threshold | : Not available |
| Melting point | : Not applicable |
| Freezing point | : Not available |
| Boiling point | : Not available |
| Flammability | : Non flammable. |
| Explosive properties | : Not explosive. |
| Oxidising properties | : Not oxidising. |
| Lower explosion limit | : Not available |
| Upper explosion limit | : Not available |
| Flash point | : > 95 °C |
| Auto-ignition temperature | : 402 °C |
| Decomposition temperature | : Not available |
| pH | : 8.1 |
| pH solution concentration | : 1 % Aqueous solution |
| Viscosity, kinematic | : 356.189 – 712.378 mm ² /s |
| Viscosity, dynamic | : 400 – 800 mPa·s |
| Solubility | : Not available |
| Partition coefficient n-octanol/water (Log Kow) | : Not available |
| Partition coefficient n-octanol/water (Log Pow) | : 3 |
| Vapour pressure | : Not available |
| Vapour pressure at 50°C | : Not available |
| Density | : 1.123 g/cm ³ (20°C, EEC A3) |
| Relative density | : Not available |

Setanta Flo

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Relative vapour density at 20°C : Not available
Particle characteristics : Not applicable

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

| Setanta Flo | |
|-----------------|--------------|
| LD50 oral rat | > 5000 mg/kg |
| LD50 dermal rat | > 2000 mg/kg |

| 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one (2634-33-5) | |
|--|----------------------------------|
| LD50 oral rat | 1020 mg/kg |
| LD50 dermal rat | > 2000 mg/kg bodyweight OECD 402 |

Skin corrosion/irritation : Not classified
pH: 8.1
Serious eye damage/irritation : Not classified
pH: 8.1
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Suspected of causing cancer.
Reproductive toxicity : Not classified

| 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one (2634-33-5) | |
|--|--|
| NOAEL (animal/female, F0/P) | 112 mg/kg bodyweight EPA OPPTS 870.3800; Rattus |
| NOAEL (animal/female, F1) | 56.6 mg/kg bodyweight EPA OPPTS 870.3800; Rattus |

Setanta Flo

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

| | |
|------------------------|------------------|
| STOT-single exposure | : Not classified |
| STOT-repeated exposure | : Not classified |
| Aspiration hazard | : Not classified |

Setanta Flo

| | |
|----------------------|--------------------------------------|
| Viscosity, kinematic | 356.189 – 712.378 mm ² /s |
|----------------------|--------------------------------------|

11.2. Information on other hazards

Endocrine disrupting properties

| | |
|--|---|
| Adverse health effects caused by endocrine disrupting properties | : The substance/mixture has no endocrine disrupting properties. |
|--|---|

SECTION 12: Ecological information

12.1. Toxicity

| | |
|---|---|
| Ecology - general | : Very toxic to aquatic life with long lasting effects. |
| Hazardous to the aquatic environment, short-term (acute) | : Very toxic to aquatic life. |
| Hazardous to the aquatic environment, long-term (chronic) | : Very toxic to aquatic life with long lasting effects. |

Setanta Flo

| | |
|----------------------|--|
| LC50 - Fish [1] | > 85 mg/l <i>Oncorhynchus mykiss</i> (Rainbow trout) |
| EC50 - Crustacea [1] | > 65 mg/l <i>Daphnia magna</i> (Water flea) |
| EC50 72h - Algae [1] | 3.66 mg/l <i>Pseudokirchneriella subcapitata</i> |
| NOEC chronic algae | 0.1 mg/l <i>Lemna gibba</i> |

propyzamide (ISO); 3,5-dichloro-N-(1,1-dimethylprop-2-ynyl)benzamide (23950-58-5)

| | |
|----------------------------|---|
| LC50 - Fish [1] | > 4.7 mg/kg (96 H; <i>Oncorhynchus mykiss</i>) |
| EC50 - Crustacea [1] | > 5.6 mg/l (48 H; <i>Daphnia magna</i>) |
| ErC50 algae | 0.98 mg/l (72 H; <i>Pseudokirchneriella subcapitata</i>) |
| ErC50 other aquatic plants | 0.021 mg/l (14 d; <i>Myriophyllum spicatum</i>) |
| NOEC chronic fish | 0.94 (21 d; <i>Oncorhynchus mykiss</i>) |
| NOEC chronic crustacea | 0.6 mg/l (21 d; <i>Daphnia magna</i>) |

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one (2634-33-5)

| | |
|----------------------|--|
| LC50 - Fish [1] | ≈ 16.7 mg/l <i>Cyprinodon variegatus</i> |
| LC50 - Fish [2] | 2.15 mg/l <i>Oncorhynchus mykiss</i> |
| EC50 - Crustacea [1] | 2.94 mg/l <i>Daphnia magna</i> |
| EC50 - Crustacea [2] | 2.9 mg/l <i>Daphnia magna</i> |

12.2. Persistence and degradability

Setanta Flo

| | |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

propyzamide (ISO); 3,5-dichloro-N-(1,1-dimethylprop-2-ynyl)benzamide (23950-58-5)

| | |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

Setanta Flo

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

| ethylene glycol (107-21-1) | |
|--|------------------------|
| Persistence and degradability | Rapidly degradable |
| 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one (2634-33-5) | |
| Persistence and degradability | Not rapidly degradable |
| Biodegradation | 28d |

12.3. Bioaccumulative potential

| Setanta Flo | |
|--|-----------------------------------|
| BCF - Fish [1] | 49 Lepomis macrochirus (Bluegill) |
| Partition coefficient n-octanol/water (Log Pow) | 3 |
| 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one (2634-33-5) | |
| Partition coefficient n-octanol/water (Log Pow) | 0.64 |

12.4. Mobility in soil

| Setanta Flo | |
|------------------|-------|
| Mobility in soil | 2.924 |

12.5. Results of PBT and vPvB assessment

| Setanta Flo | |
|--|--|
| This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII | |
| This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII | |

12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : The substance/mixture has no endocrine disrupting properties.

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional waste regulation : Disposal must be done according to official regulations.
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations : Disposal must be done according to official regulations.
Product/Packaging disposal recommendations : Disposal must be done according to official regulations.
Additional information : Do not re-use empty containers.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR | IMDG | IATA | ADN | RID |
|------------------------------|---------|---------|---------|---------|
| 14.1. UN number or ID number | | | | |
| UN 3082 | UN 3082 | UN 3082 | UN 3082 | UN 3082 |

Setanta Flo

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

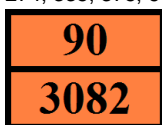
| ADR | IMDG | IATA | ADN | RID |
|--|---|---|---|---|
| 14.2. UN proper shipping name | | | | |
| ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Propyzamide) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Propyzamide) | Environmentally hazardous substance, liquid, n.o.s. (Propyzamide) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Propyzamide) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Propyzamide) |
| Transport document description | | | | |
| UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Propyzamide), 9, III, (-) | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Propyzamide), 9, III, MARINE POLLUTANT (95°C c.c.) | UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Propyzamide), 9, III | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Propyzamide), 9, III | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Propyzamide), 9, III |
| 14.3. Transport hazard class(es) | | | | |
| 9 | 9 | 9 | 9 | 9 |
| | | | | |
| 14.4. Packing group | | | | |
| III | III | III | III | III |
| 14.5. Environmental hazards | | | | |
| Dangerous for the environment: Yes | Dangerous for the environment: Yes Marine pollutant: Yes | Dangerous for the environment: Yes | Dangerous for the environment: Yes | Dangerous for the environment: Yes |
| No supplementary information available | | | | |

14.6. Special precautions for user

Overland transport

Special provisions (ADR) : 274, 335, 375, 601

Orange plates :



EAC code : •3Z

Transport by sea

No data available

Air transport

No data available

Inland waterway transport

Classification code (ADN) : M6

Number of blue cones/lights (ADN) : 0

Rail transport

No data available

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

Setanta Flo

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

SECTION 15: Regulatory information

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

EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

Explosives Precursors Regulation (EU 2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (EC 273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Abbreviations and acronyms:

| | |
|---------|---|
| ACGIH | American Conference of Government Industrial Hygienists |
| ADN | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| ATE | Acute Toxicity Estimate |
| BCF | Bioconcentration factor |
| BLV | Biological limit value |
| BOD | Biochemical oxygen demand (BOD) |
| CAS-No. | Chemical Abstract Service number |
| CLP | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008 |
| COD | Chemical oxygen demand (COD) |
| CSA | Chemical safety assessment |
| DMEL | Derived Minimal Effect level |
| DNEL | Derived-No Effect Level |
| EC-No. | European Community number |

Setanta Flo

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

| Abbreviations and acronyms: | |
|-----------------------------|--|
| EC50 | Median effective concentration |
| ED | Endocrine disruptor |
| EN | European Standard |
| EWC | European waste catalogue |
| IARC | International Agency for Research on Cancer |
| IATA | International Air Transport Association |
| IMDG | International Maritime Dangerous Goods |
| LC50 | Median lethal concentration |
| LD50 | Median lethal dose |
| LOAEL | Lowest Observed Adverse Effect Level |
| Log Kow | Partition coefficient n-octanol/water (Log Kow) |
| Log Pow | Partition coefficient n-octanol/water (Log Pow) |
| MAK | maximum workplace concentration |
| NOAEC | No-Observed Adverse Effect Concentration |
| NOAEL | No-Observed Adverse Effect Level |
| NOEC | No-Observed Effect Concentration |
| N.O.S. | Not Otherwise Specified |
| OECD | Organisation for Economic Co-operation and Development |
| OEL | Occupational Exposure Limit |
| OSHA | Occupational Safety Health Administration |
| PBT | Persistent Bioaccumulative Toxic |
| PNEC | Predicted No-Effect Concentration |
| PPE | Personal protection equipment |
| RID | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS | Safety Data Sheet |
| STP | Sewage treatment plant |
| TF | Technical function |
| ThOD | Theoretical oxygen demand (ThOD) |
| TLM | Median Tolerance Limit |
| TWA | Time Weighted Average |
| VOC | Volatile Organic Compounds |
| vPvB | Very Persistent and Very Bioaccumulative |
| UFI | Unique Formula Identifier |

Other information

: The United Kingdom (UK) left the European Union (EU) on 31/01/2020. The classification and labelling regime used within Great Britain (GB) is based on the EU regulatory regime in force at the time of UK leaving the EU. All classification and labelling ensures the safe use of the product and is based on the best scientific knowledge available to us. Information will be updated as the UK regulators publish any new classification and labelling regulation.

Setanta Flo

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

| Full text of H- and EUH-statements: | |
|--|---|
| Acute Tox. 2 (Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist) Category 2 |
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4 |
| Aquatic Acute 1 | Hazardous to the aquatic environment – Acute Hazard, Category 1 |
| Aquatic Chronic 1 | Hazardous to the aquatic environment – Chronic Hazard, Category 1 |
| Carc. 2 | Carcinogenicity, Category 2 |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| Skin Sens. 1A | Skin sensitisation, category 1A |
| H302 | Harmful if swallowed. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H330 | Fatal if inhaled. |
| H351 | Suspected of causing cancer. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| EUH208 | Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction. |
| EUH401 | To avoid risks to human health and the environment, comply with the instructions for use. |

| Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]: | | |
|---|------|--------------------|
| Carc. 2 | H351 | Calculation method |
| Aquatic Acute 1 | H400 | Calculation method |
| Aquatic Chronic 1 | H410 | Calculation method |

Certis Belchim_2024-07-31

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.