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|---|------------------------------|-----------------|-------------|----|---------------|-------------------|
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| | Product Name | ACT+ Jr Cuvette | | | | |

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

1.1. Product identifier

Product form : Article
 Name : ACT+ Jr Cuvette
 Product code : JACT+

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

1.2.1. Relevant identified uses

Main use category : Professional use, Industrial use
 Industrial/Professional use spec : Industrial
 For professional use only
 Function or use category : Laboratory chemicals

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Accriva Diagnostics Inc
 6260 Sequence Dr
 CA 92121 San Diego
 T (800)5792255 - F 1-858-314-6701
customerservice@accriva.com - <http://www.accriva.com/>

1.4. Emergency telephone number

| Country | Organisation/Company | Address | Emergency number |
|-----------------------|--|---|---|
| IRELAND (REPUBLIC OF) | National Poisons Information Centre Beaumont Hospital | Beaumont Hospital Beaumont Road 9 Dublin | : +353 1 8379964 |
| UNITED KINGDOM | National Poisons Information Service (NHS Direct) | http://www.npis.org | 111 (England & Wales only) or 112 (EU) or 08454 24 24 24 (Scotland) |
| US | | | 911 |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Acute Tox. 4 (Oral) H302
 Acute Tox. 4 (Dermal) H312
 Skin Corr. 1B H314
 Eye Irrit. 2 H319
 Repr. 2 H361
 STOT RE 2 H373
 Aquatic Acute 1 H400
 Aquatic Chronic 3 H412

Full text of H-statements: see section 16


Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Repr.Cat.3; R63
 Xn; R20/21/22
 Xi; R36/38
 N; R50/53
 R33

Full text of R-phrases: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

| | | | | | | |
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2.2. Label elements

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

Hazard pictograms (CLP) :



Signal word (CLP) :

Danger

Hazardous ingredients :

1H-imidazole, thiomersal

Hazard statements (CLP) :

H302+H312 - Harmful if swallowed or in contact with skin
H314 - Causes severe skin burns and eye damage
H361 - Suspected of damaging fertility or the unborn child
H373 - May cause damage to organs through prolonged or repeated exposure
H400 - Very toxic to aquatic life
H412 - Harmful 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
P260 - Do not breathe dust
P270 - Do not eat, drink or smoke when using this product
P273 - Avoid release to the environment
P280 - Wear eye protection, protective clothing, protective gloves
P301+P312 - IF SWALLOWED: Call a POISON CENTER if you feel unwell
P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P337+P313 - If eye irritation persists: Get medical advice/attention
P362+P364 - Take off contaminated clothing and wash it before reuse
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

2.3. Other hazards

No additional information available


SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

| Name | Product identifier | % | Classification according to Directive 67/548/EEC |
|--|---|--|---|
| Kaolin (Kaolin, respirable dust) substance with national workplace exposure limit(s) (BE, DK, ES, FI, FR, GB, IE, IT, PT) | (CAS No) 1332-58-7. (EC no) 310-194-1 | 35-40 | Not classified |
| sodium chloride substance with national workplace exposure limit(s) (LT, LV) | (CAS No) 7647-14-5 (EC no) 231-598-3 | 10-12 | Not classified |
| 1H-imidazole | (CAS No) 288-32-4 (EC no) 206-019-2 | 5-7 | Xn; R22 C; R34 Repr.Cat.3; R63 |
| thiomersal | (CAS No) 54-64-8 (EC no) 200-210-4 (EC index no) 080-004-00-7 | <0,45 | T+; R26/27/28 R33 N; R50/53 |
| silicon dioxide (Silica) substance with national workplace exposure limit(s) (BE, DE, GB, LV) | (CAS No) 7631-86-9 (EC no) 231-545-4 | <0,3 | Not classified |
| Name | Product identifier | Specific concentration limits | |
| thiomersal | (CAS No) 54-64-8 (EC no) 200-210-4 (EC index no) 080-004-00-7 | (0,05 =< C < 0,5) Xn;R20/21/22 (C >= 0,05) R33 (0,5 =< C < 2) T;R23/24/25 (C >= 2) T+;R26/27/28 | |
| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
| Kaolin (Kaolin, respirable dust) substance with national workplace exposure limit(s) (BE, DK, ES, FI, FR, GB, IE, IT, PT) | (CAS No) 1332-58-7. (EC no) 310-194-1 | 35-40 | Not classified |

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| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--|---|-------|---|
| sodium chloride substance with national workplace exposure limit(s) (LT, LV) | (CAS No) 7647-14-5 (EC no) 231-598-3 | 10-12 | Not classified |
| 1H-imidazole | (CAS No) 288-32-4 (EC no) 206-019-2 | 5-7 | Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Repr. 2, H361d |
| thiomersal | (CAS No) 54-64-8 (EC no) 200-210-4 (EC index no) 080-004-00-7 | <0,45 | Acute Tox. 3 (Oral), H301 Acute Tox. 1 (Dermal), H310 STOT RE 2, H373 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 |
| silicon dioxide (Silica) substance with national workplace exposure limit(s) (BE, DE, GB, LV) | (CAS No) 7631-86-9 (EC no) 231-545-4 | <0,3 | Not classified |

| Name | Product identifier | Specific concentration limits |
|------------|---|-------------------------------|
| thiomersal | (CAS No) 54-64-8 (EC no) 200-210-4 (EC index no) 080-004-00-7 | (C >= 0,1) STOT RE 2, H373 |

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

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention.
- First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
- First-aid measures after skin contact : Immediately call a POISON CENTER or doctor/physician. Specific measures (see instructions on this label). Gently wash with plenty of soap and water. Remove/Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. Rinse skin with water/shower.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell. Immediately call a POISON CENTER or doctor/physician.

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

- Symptoms/injuries : Causes severe skin burns and eye damage. Suspected of damaging fertility or the unborn child. Causes damage to organs. There are potential chronic health effects to consider.
- Symptoms/injuries after skin contact : Fatal in contact with skin.
- Symptoms/injuries after ingestion : Swallowing a small quantity of this material will result in serious health hazard.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

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

5.2. Special hazards arising from the substance or mixture

- Reactivity : Thermal decomposition generates : Corrosive vapours.

5.3. Advice for firefighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures


6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection.
- Emergency procedures : Ventilate area.

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6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if substance enters sewers or public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Do not get in eyes, on skin, or on clothing. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust.

Hygiene measures : Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Wash Skin thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Comply with applicable regulations.

Storage conditions : Keep container closed when not in use. Keep only in the original container in a cool, well ventilated place away from : Direct sunlight, Heat and ignition sources.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight.


7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| silicon dioxide (Silica) (7631-86-9) | | |
|--|---|--|
| Belgium | Limit value (mg/m ³) | 0,1 mg/m ³ (Silices amorphes : silice fondue SiO ₂ (poussières alvéolaires); Belgium; Time-weighted average exposure limit 8 h; Silices amorphes : fumées (fraction alvéolaire); 2 mg/m ³ ; Belgium; Time-weighted average exposure limit 8 h; Silices amorphes : terre de diatomées, non calcinées (fraction inhalable); 10 mg/m ³ ; Belgium; Time-weighted average exposure limit 8 h) |
| Germany | TRGS 900 Occupational exposure limit value (mg/m ³) | 4 mg/m ³ |
| Latvia | OEL TWA (mg/m ³) | 1 mg/m ³ |
| United Kingdom | WEL TWA (mg/m ³) | 6 mg/m ³ Silica, amorphous inhalable dust; United Kingdom; Time-weighted average exposure limit 8 h; Workplace exposure limit (EH40/2005); Silica, amorphous respirable dust; 2.4 mg/m ³ ; United Kingdom; Time-weighted average exposure limit 8 h; Workplace exposure limit (EH40/2005) |
| Kaolin (Kaolin, respirable dust) (1332-58-7) | | |
| Belgium | Limit value (mg/m ³) | 2 mg/m ³ |
| France | VME (mg/m ³) | 10 mg/m ³ (Kaolin; France; Time-weighted average exposure limit 8 h; VL: Valeur non réglementaire indicative) |
| Italy - Portugal - USA ACGIH | ACGIH TWA (mg/m ³) | 2 mg/m ³ |
| Italy - Portugal - USA ACGIH | Remark (ACGIH) | Pneumoconiosis |
| Spain | VLA-ED (mg/m ³) | 2 mg/m ³ d (Véase UNE EN 481: Atmósferas en los puestos de trabajo. Definición de las fracciones por el tamaño de las partículas para la medición de aerosoles.),e (Este valor es para la materia particulada que no contenga amianto y menos de un 1% de sílice cristalina.) |
| Switzerland | VME (mg/m ³) | 3 mg/m ³ |
| United Kingdom | WEL TWA (mg/m ³) | 2 mg/m ³ |
| Denmark | Grænseværdie (langvarig) (mg/m ³) | 2 mg/m ³ |

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| Kaolin (Kaolin, respirable dust) (1332-58-7.) | | |
|---|--|----------------------|
| Finland | HTP-arvo (8h) (mg/m ³) | 2 mg/m ³ |
| Ireland | OEL (8 hours ref) (mg/m ³) | 2 mg/m ³ |
| Australia | TWA (mg/m ³) | 10 mg/m ³ |
| Australia | Remark (AU) | (a) |
| Portugal | OEL TWA (mg/m ³) | 2 mg/m ³ |

| thiomersal (54-64-8) | | |
|------------------------------|----------------------------------|---|
| Belgium | Limit value (mg/m ³) | 0,1 mg/m ³ (Mercure (composés arylés) (en Hg); Belgium; Time-weighted average exposure limit 8 h) |
| France | VME (mg/m ³) | 0,1 mg/m ³ (Mercure (composés arylés et inorganiques), en Hg; France; Time-weighted average exposure limit 8 h; VL: Valeur non réglementaire indicative) |
| Italy - Portugal - USA ACGIH | ACGIH TWA (mg/m ³) | 0,1 mg/m ³ (Mercury, Aryl compounds, as Hg; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value) |

| sodium chloride (7647-14-5) | | |
|-----------------------------|------------------------------|---------------------|
| Latvia | OEL TWA (mg/m ³) | 5 mg/m ³ |
| Lithuania | IPRV (mg/m ³) | 5 mg/m ³ |

8.2. Exposure controls

Appropriate engineering controls : Provide adequate general and local exhaust ventilation.

Personal protective equipment : Protective clothing. Protective goggles. Gloves.



Hand protection : Wear protective gloves.

Eye protection : Chemical goggles or face shield.

Skin and body protection : Wear suitable protective clothing.


Respiratory protection : Where exposure through inhalation may occur from use, respiratory protection equipment is recommended.

Other information : Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|---------------------|
| Physical state | : Solid |
| Appearance | : Powder. |
| Colour | : Colourless. |
| Odour | : odourless. |
| Odour threshold | : No data available |
| pH | : No data available |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Melting point | : No data available |
| Freezing point | : No data available |
| Boiling point | : No data available |
| Flash point | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : Non flammable |
| Vapour pressure | : No data available |
| Relative vapour density at 20 °C | : No data available |
| Relative density | : No data available |
| Solubility | : Soluble in water. |
| Log Pow | : No data available |
| Log Kow | : No data available |

| | | | | | | |
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Viscosity, kinematic : No data available
 Viscosity, dynamic : No data available
 Explosive properties : Product is not explosive.
 Oxidising properties : No data available
 Explosive limits : No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Thermal decomposition generates : Corrosive vapours.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

Fume. Carbon monoxide. Carbon dioxide. Thermal decomposition generates : Corrosive vapours.


SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Oral: Harmful if swallowed. Dermal: Harmful in contact with skin.

| ACT+ Jr Cuvette | |
|--------------------------------------|--|
| ATE CLP (oral) | 500,000 mg/kg bodyweight |
| ATE CLP (dermal) | 1111,111 mg/kg bodyweight |
| 1H-imidazole (288-32-4) | |
| LD50 oral rat | 970 mg/kg (Rat) |
| ATE CLP (oral) | 970,000 mg/kg bodyweight |
| silicon dioxide (Silica) (7631-86-9) | |
| LD50 oral rat | > 10000 mg/kg (Rat) |
| LD50 dermal rabbit | > 5000 mg/kg (Rabbit) |
| thiomersal (54-64-8) | |
| LD50 oral rat | 75 mg/kg (Rat) |
| ATE CLP (oral) | 75,000 mg/kg bodyweight |
| ATE CLP (dermal) | 5,000 mg/kg bodyweight |
| sodium chloride (7647-14-5) | |
| LD50 oral rat | 3000 mg/kg (Rat; Experimental value; 3550 mg/kg bodyweight; Rat; Experimental value) |
| LD50 dermal rabbit | > 10000 mg/kg (Rabbit; Experimental value) |
| ATE CLP (oral) | 3000,000 mg/kg bodyweight |

Skin corrosion/irritation : Causes severe skin burns and eye damage.
 Serious eye damage/irritation : Causes serious eye irritation.
 Respiratory or skin sensitisation : Not classified
 Based on available data, the classification criteria are not met
 Germ cell mutagenicity : Not classified
 Based on available data, the classification criteria are not met
 Carcinogenicity : Not classified
 Based on available data, the classification criteria are not met
 Reproductive toxicity : Suspected of damaging fertility or the unborn child.
 Specific target organ toxicity (single exposure) : Not classified
 Based on available data, the classification criteria are not met

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Specific target organ toxicity (repeated exposure) : May cause damage to organs through prolonged or repeated exposure. There are potential chronic health effects to consider

Aspiration hazard : Not classified
Based on available data, the classification criteria are not met

Potential adverse human health effects and symptoms : Harmful if swallowed. Fatal in contact with skin.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - water : Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.


| | |
|---|--|
| 1H-imidazole (288-32-4) | |
| EC50 Daphnia 1 | 341,5 mg/l (EC50; 48 h) |
| Threshold limit algae 2 | 130 mg/l (EC50; 72 h) |
| silicon dioxide (Silica) (7631-86-9) | |
| LC50 fish 1 | > 10000 mg/l (LC50; 96 h) |
| EC50 Daphnia 1 | > 10000 mg/l (EC50; 24 h) |
| thiomersal (54-64-8) | |
| LC50 fish 1 | 0,033 ppm (LC50; 96 h) |
| EC50 Daphnia 1 | 0,0052 mg/l (EC50; 48 h) |
| Threshold limit algae 1 | 0,4 ppm (EC50) |
| sodium chloride (7647-14-5) | |
| LC50 fish 2 | 5840 mg/l (LC50; ASTM; 96 h; Lepomis macrochirus; Flow-through system; Fresh water; Experimental value) |
| Threshold limit algae 2 | 2430 mg/l (EC50; OECD 201: Alga, Growth Inhibition Test; 120 h; Algae; Static system; Fresh water; Experimental value) |

12.2. Persistence and degradability

| | |
|--|---|
| ACT+ Jr Cuvette | |
| Persistence and degradability | May cause long-term adverse effects in the environment. |
| 1H-imidazole (288-32-4) | |
| Persistence and degradability | Readily biodegradable in water. |
| silicon dioxide (Silica) (7631-86-9) | |
| Persistence and degradability | Biodegradability: Not applicable. Not established. |
| Biochemical oxygen demand (BOD) | Not applicable |
| Chemical oxygen demand (COD) | Not applicable |
| ThOD | Not applicable |
| BOD (% of ThOD) | Not applicable |
| Kaolin (Kaolin, respirable dust) (1332-58-7.) | |
| Persistence and degradability | Biodegradability: Not applicable. Not established. |
| Biochemical oxygen demand (BOD) | Not applicable |
| Chemical oxygen demand (COD) | Not applicable |
| ThOD | Not applicable |
| BOD (% of ThOD) | Not applicable |
| thiomersal (54-64-8) | |
| Persistence and degradability | Adsorbs into the soil. |
| sodium chloride (7647-14-5) | |
| Persistence and degradability | Biodegradability: Not applicable. No (test)data available on mobility of the substance. |
| Biochemical oxygen demand (BOD) | Not applicable |
| Chemical oxygen demand (COD) | Not applicable |
| ThOD | Not applicable |

12.3. Bioaccumulative potential

| | |
|--------------------------------|------------------|
| ACT+ Jr Cuvette | |
| Bioaccumulative potential | Not established. |
| 1H-imidazole (288-32-4) | |
| BCF fish 1 | 1 (BCF) |

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| | |
|--|--|
| 1H-imidazole (288-32-4) | |
| Log Pow | -0,02 |
| Bioaccumulative potential | Bioaccumulation: Not applicable. |
| silicon dioxide (Silica) (7631-86-9) | |
| Bioaccumulative potential | Not bioaccumulative. Not established. |
| Kaolin (Kaolin, respirable dust) (1332-58-7.) | |
| Bioaccumulative potential | Bioaccumulation: No data available. Not established. |
| thiomersal (54-64-8) | |
| Log Pow | -1,88 |
| sodium chloride (7647-14-5) | |
| Log Pow | -3,0 (Calculated) |
| Bioaccumulative potential | Low bioaccumulation potential (Log Kow < 4). |

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials : Avoid release to the environment. Hazardous waste due to toxicity.

SECTION 14: Transport information

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

14.1. UN number

UN-No. (ADR) : 1759

14.2. UN proper shipping name

Proper Shipping Name (ADR) : CORROSIVE SOLID, N.O.S.
Transport document description (ADR) : UN 1759 CORROSIVE SOLID, N.O.S. (CONTAINS 1H-imidazole(288-32-4) ; thiomersal(54-64-8)), 8, II, (E), ENVIRONMENTALLY HAZARDOUS

14.3. Transport hazard class(es)

Class (ADR) : 8
Danger labels (ADR) : 8



14.4. Packing group

Packing group (ADR) : II

14.5. Environmental hazards

Dangerous for the environment :




Other information : No supplementary information available.

14.6. Special precautions for user

14.6.1. Overland transport

Hazard identification number (Kemler No.) : 80
Classification code (ADR) : C10

| | | | | | | |
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Orange plates :

| |
|------|
| 80 |
| 1759 |

Special provisions (ADR) : 274
 Transport category (ADR) : 2
 Tunnel restriction code (ADR) : E
 Limited quantities (ADR) : 1kg
 Excepted quantities (ADR) : E2
 EAC code : 2X

14.6.2. Transport by sea

No additional information available

14.6.3. Air transport

No additional information available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no substance on the REACH candidate list

15.1.2. National regulations

Water hazard class (WGK) : 3 - severe hazard to waters
 WGK remark : Classification water polluting based on the components in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS) of 27 July 2005 (Anhang 4)

15.2. Chemical safety assessment

No chemical safety assessment has been carried out


SECTION 16: Other information

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

Full text of R-, H- and EUH-statements:

| | |
|-----------------------|---|
| Acute Tox. 1 (Dermal) | Acute toxicity (dermal), Category 1 |
| Acute Tox. 3 (Oral) | Acute toxicity (oral), Category 3 |
| Acute Tox. 4 (Dermal) | Acute toxicity (dermal), Category 4 |
| 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 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment — Chronic Hazard, Category 3 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Repr. 2 | Reproductive toxicity, Category 2 |
| Repr. 2 | Reproductive toxicity, Category 2 |
| Skin Corr. 1B | Skin corrosion/irritation, Category 1B |
| STOT RE 2 | Specific target organ toxicity — Repeated exposure, Category 2 |
| H301 | Toxic if swallowed |
| H302 | Harmful if swallowed |
| H310 | Fatal in contact with skin |
| H312 | Harmful in contact with skin |
| H314 | Causes severe skin burns and eye damage |
| H319 | Causes serious eye irritation |
| H361 | Suspected of damaging fertility or the unborn child |
| H361d | Suspected of damaging the unborn child |
| H373 | May cause damage to organs through prolonged or repeated exposure |
| H400 | Very toxic to aquatic life |

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|---|------------------------------|-----------------|-------------|----|---------------|-------------------|
|  | SDS Safety Data Sheet | | | | STATUS | Controlled |
| | SDS No | SDS-51 | Rev. | 01 | ECO | 1278 |
| | Last Review Date | 08/13/15 | | | Page 10 of 10 | |
| | Product Name | ACT+ Jr Cuvette | | | | |

| | |
|-----------|---|
| H410 | Very toxic to aquatic life with long lasting effects |
| H412 | Harmful to aquatic life with long lasting effects |
| R20/21/22 | Harmful by inhalation, in contact with skin and if swallowed |
| R22 | Harmful if swallowed |
| R26/27/28 | Very toxic by inhalation, in contact with skin and if swallowed |
| R33 | Danger of cumulative effects |
| R34 | Causes burns |
| R36/38 | Irritating to eyes and skin |
| R50/53 | Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment |
| R63 | Possible risk of harm to the unborn child |
| C | Corrosive |
| N | Dangerous for the environment |
| T+ | Very toxic |
| Xi | Irritant |
| Xn | Harmful |

SDS EU_NSC

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.