Dryden Aqua Ltd SAFETY DATA SHEET

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

| 1.1. Product identifier Trade name or designation of the mixture | APF Private |
|--|--|
| Registration number | - |
| Synonyms | None. |
| Issue date | 21-August-2014 |
| Version number | 01 |
| 1.2. Relevant identified uses of the Identified uses | e substance or mixture and uses advised against Multi-spectrum flocculant and coagulant |
| Uses advised against | None known. |
| 1.3. Details of the supplier of the s | afety data sheet |
| Supplier | |
| Company name | Dryden Aqua Ltd |
| Address | Butlerfield Industrial Estate |
| | Bonnyrigg |
| | Edinburgh EH19 3JQ |
| | GB |
| Telephone | +44 (0) 18758 22222 |
| | Fax: +44 (0) 18758 22229 |
| e-mail | aqua@drydenaqua.com |
| Contact person | Christi Ashley-Sing |
| 1.4. Emergency telephone number | +44 (0) 18758 22222 |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

Classification according to Directive 67/548/EEC or 1999/45/EC as amended

Classification

Xi;R36, R43 The full text for all R-phrases is displayed in section 16.

Classification according to Regulation (EC) No 1272/2008 as amended

| Health hazards Serious eye damage/e | ye irritation | Category 1 | H318 - Causes serious eye damage. |
|---|----------------|--|--|
| Skin sensitisation | | Category 1 | H317 - May cause an allergic skin reaction. |
| Hazard summary | | | |
| Physical hazards | Not classified | l for physical hazards. | |
| Health hazards | • • | ves. May cause sensitisation by mixture may cause adverse he | skin contact. Occupational exposure to the alth effects. |

| Specific hazards | None known. |
|------------------|--|
| Main symptoms | Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause an allergic skin reaction. Dermatitis. |

Not classified for hazards to the environment.

2.2. Label elements

Environmental hazards

Label according to Regulation (EC) No. 1272/2008 as amended

| 0 0 (|) No. 1272/2008 as amended |
|-----------------------|--|
| S: | Aluminium chloride hydroxide sulphate, Aluminium Chlorohydrate, Lanthanum Chloride, Anhydrous |
| pictograms | |
| word | Danger |
| statements | |
| 17 | May cause an allergic skin reaction. |
| 18 | Causes serious eye damage. |
| ry statements tion | |
| 61 | Avoid breathing mist or vapour. |
| 72 | Contaminated work clothing should not be allowed out of the workplace. |
| 80 | Wear protective gloves/protective clothing/eye protection/face protection. |
| se | |
| 02 + P352 | IF ON SKIN: Wash with plenty of soap and water. |
| 05 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| 10 | Immediately call a POISON CENTRE or doctor/physician. |
| 21 | Specific treatment (see this label). |
| | If skin irritation or rash occurs: Get medical advice/attention. |
| 63 | Wash contaminated clothing before reuse. |
|) | Not required |
| al | |
| 01 | Dispose of contents/container (in accordance with related regulations). |
| | |
| al label information | EUH210 - Safety data sheet available on request. |
| | s: pictograms vord statements 17 18 ry statements ion 51 72 30 se 02 + P352 05 + P351 + P338 10 21 33 + P313 53 |

SECTION 3: Composition/information on ingredients

3.2. Mixtures

General information

| Chemical name | % | CAS-No. / EC No. | REACH Registration No. | INDEX No. | Notes |
|---------------------------------------|------------------------------------|-------------------------|-----------------------------|-----------|-------|
| Aluminium chloride hydroxide sulphate | 5 - < 10 | 39290-78-3 254-400-7 | 01-2119531540-51-xxxx | - | |
| Classification: DSI |): Xn;R20, Xi;R4 | 1 | | | |
| CLF | : Met. Corr. 1;H2 | 290, Eye Dam. 1;H318 | 8, Acute Tox. 3;H331 | | |
| Aluminium Chlorohydrate | 3 - < 5 | 12042-91-0 234-933-1 | 01-2119533142-53-xxxx | - | |
| Classification: DSI |): - | | | | |
| CLF | : - | | | | |
| Lanthanum Chloride, Anhydro | us 1 - < 3 | 10099-58-8 233-237-5 | 01-2119452063-49-xxxx | - | |
| Classification: DSI |): Xi;R41, R43, N | l;R51/53 | | | |
| CLF | : Met. Corr. 1;H2 Chronic 2;H41 | | I7, Eye Dam. 1;H318, Aquati | C | |

| Chemical name | % CAS-No. / EC No. REACH Registration No. INDEX No. Notes | | |
|---|--|--|--|
| POLYDADMAC | 1 - < 3 26062-79-3 | | |
| Classification: DS | - D: R52/53 | | |
| CL | P: Aquatic Chronic 3;H412 | | |
| Other components below rep | ortable levels 80 - < 90 | | |
| CLP: Regulation No. 1272/20 DSD: Directive 67/548/EEC. #: This substance has workpl | | | |
| Composition comments | The full text for all R- and H-phrases is displayed in section 16. | | |
| SECTION 4: First aid meas | sures | | |
| General information | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse. | | |
| 4.1. Description of first aid measu | | | |
| Inhalation | If inhaled, remove to fresh air. Call a physician if symptoms develop or persist. | | |
| Skin contact | Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Wash clothing separately before reuse. | | |
| Eye contact | Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately. | | |
| Ingestion | Rinse mouth thoroughly. If ingestion of a large amount does occur, call a poison control centre immediately. | | |
| 4.2. Most important symptoms and effects, both acute and delayed | Severe eye irritation. Irritation of eyes and mucous membranes. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause an allergic skin reaction. Rash. Dermatitis. | | |
| 4.3. Indication of any immediate medical attention and special treatment needed | | | |
| SECTION 5: Firefighting me | easures | | |
| General fire hazards | Non-combustible, substance itself does not burn. No unusual fire or explosion hazards noted. | | |
| 5.1. Extinguishing media Suitable extinguishing media | Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2). Use fire-extinguishing media appropriate for surrounding materials. | | |
| Unsuitable extinguishing media | Do not use water jet as an extinguisher, as this will spread the fire. | | |
| 5.2. Special hazards arising from the substance or mixture | This product is an aqueous mixture which will not burn. Irritating and toxic gases or fumes may be released during a fire. | | |
| 5.3. Advice for firefighters | | | |
| Special protective equipment for firefighters | Wear self-contained breathing apparatus and protective clothing. | | |
| Special fire fighting procedures | Move containers from fire area if you can do so without risk. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. No unusual fire or explosion hazards noted. | | |
| Specific methods | Use standard firefighting procedures and consider the hazards of other involved materials. | | |
| SECTION 6: Accidental rele | ease measures | | |
| | tive equipment and emergency procedures | | |
| For non-emergency personnel | Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist or vapour. Ensure adequate ventilation. For personal protection, see section 8. Keep unnecessary personnel away. Do not touch damaged | | |

personal protection, see section 8. Keep unnecessary personnel away. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Local authorities

should be advised if significant spillages cannot be contained.

| For emergency responders | Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS. |
|---|---|
| 6.2. Environmental precautions | Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. |
| 6.3. Methods and material for containment and cleaning up | Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water |
| | Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. |
| | Never return spills to original containers for re-use. |
| 6.4. Reference to other sections | For personal protection, see section 8. For waste disposal, see section 13 of the SDS. |
| SECTION 7: Handling and s | storage |
| 7.1. Precautions for safe handling | Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Do not get this material in contact with eyes. Avoid breathing mist or vapour. Avoid release to the environment. Do not empty into drains. |
| 7.2. Conditions for safe storage, including any incompatibilities | Storage temperature: between 5°C and 35°C. Store in corrosive resistant container with a resistant inner liner. |
| | Store in original tightly closed container. Keep container tightly closed. Store in a well-ventilated place. |
| | Keep from freezing. Store away from incompatible materials (see Section 10 of the SDS). |

The specified uses for this material are shown in section 1 of this document

7.3. Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| Occupational exposure limits | | | |
|---|---|---|--|
| Components | Туре | Value | Form |
| Aluminium Chlorohydrate (12042-91-0) | TWA | 2 mg/m3 | soluble aluminium salts |
| Biological limit values | No biological exposure limits noted for the ingredie | ent(s). | |
| Recommended monitoring procedures | Follow standard monitoring procedures. | | |
| Derived no-effect level (DNEL) | Not available. | | |
| Predicted no effect concentrations (PNECs) | Not available. | | |
| 8.2. Exposure controls | | | |
| Appropriate engineering controls | Provide adequate general and local exhaust ventil changes per hour) should be used. Ventilation rate applicable, use process enclosures, local exhaust maintain airborne levels below recommended exp established, maintain airborne levels to an accepta | es should be matcher ventilation, or other osure limits. If expos | d to conditions. If engineering controls to ure limits have not been |
| Individual protection measures, su | ch as personal protective equipment | | |
| General information | Use personal protective equipment as required. Per according to the CEN standards and in discussion equipment. Launder contaminated clothing before | with the supplier of | |
| Eye/face protection | Wear safety glasses with side shields (or goggles) Do not get in eyes. (EN166) | and a face shield. F | ace shield is recommended. |
| Skin protection | | | |

| - Hand protection | Wear appropriate chemical resistant gloves. Contains a potential skin sensitizer. Chemical resistant gloves made of butyl rubber or nitrile rubber category III according to EN 374. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. |
|---------------------------------|---|
| - Other | Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended. |
| Respiratory protection | In case of insufficient ventilation, wear suitable respiratory equipment. |
| Thermal hazards | Wear appropriate thermal protective clothing, when necessary. |
| Hygiene measures | Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace. |
| Environmental exposure controls | Contain spills and prevent releases and observe national regulations on emissions. Environmental manager must be informed of all major releases. Avoid release to the environment. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| Appearance | Blue liquid |
|-------------------------------------|-------------------------------|
| Physical state | Liquid. |
| Form | Liquid. |
| Colour | Blue |
| Odour | Odourless. |
| Odour threshold | Not applicable |
| рН | 3.0 - 4.0 |
| Melting point/freezing point | < -3 °C (< 26.6 °F) |
| Initial boiling point and boiling | 102 °C (215.6 °F) |
| range | |
| Flash point | Not applicable |
| Evaporation rate | Not available |
| Flammability (solid, gas) | Not applicable |
| Upper/lower flammability or explosi | ive limits |
| Flammability limit - lower (%) | Not applicable |
| Flammability limit - upper (%) | Not applicable |
| Vapour pressure | Not available |
| Vapour density | Not available |
| Relative density | Not available. |
| Solubility(ies) | |
| Solubility (water) | Miscible |
| Solubility (other) | Not available. |
| Auto-ignition temperature | Not applicable |
| Decomposition temperature | Not available |
| Viscosity | 60 - 100 cP @ 25C |
| Explosive properties | Not applicable |
| Oxidizing properties | Not applicable |
| 9.2. Other information | |
| Density | 1.10 - 1.30 g/cm ³ |
| Percent volatile | 85.2 % estimated |
| Specific gravity | 1.1 - 1.3 |
| | |

SECTION 10: Stability and reactivity

| 10.1. Reactivity | Material is stable under normal conditions. |
|---|---|
| 10.2. Chemical stability | Material is stable under normal conditions. |
| 10.3. Possibility of hazardous reactions | Hazardous polymerisation does not occur. |
| 10.4. Conditions to avoid | Contact with incompatible materials. None under normal conditions. Do not expose to temperatures above 75 °C. Do not freeze. |
| 10.5. Incompatible materials | Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions. May be corrosive to metals. |
| 10.6. Hazardous decomposition products | No dangerous reaction known under conditions of normal use. |

SECTION 11: Toxicological information

| General information | Incomplete toxicological data are available for this product. Data shown in this section has been published in the substance(s) REACH dossier Occupational exposure to the substance or mixture may cause adverse effects. |
|---------------------------------------|--|
| Information on likely routes of expos | sure |
| Inhalation | Prolonged inhalation may be harmful. |
| Skin contact | May cause an allergic skin reaction. |
| Eye contact | Causes serious eye damage. |
| Ingestion | Not available. |
| Symptoms | Rash. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause an allergic skin reaction. Dermatitis. Skin contact may provoke the following symptoms: Sensitisation |

11.1. Information on toxicological effects

| Acute toxicity | According to concentration, aqueous solution causes membranes. May be harmful if swallowed. May cause an allergic s sensitizer. Skin irritation | |
|----------------|---|--------------|
| Product | Snecies | Test results |

| Product | Species | l est results |
|---|------------------|------------------|
| APF Private (CAS Mixture) | | |
| Acute | | |
| Dermal | | |
| LD50 | Rat | 20605 mg/kg bw |
| Inhalation | | |
| LC50 | Rat | 66 mg/l, 4 hours |
| Oral | | |
| LD50 | Rat | 16794 mg/kg bw |
| Components | Species | Test results |
| Aluminium chloride hydroxic 39290-78-3) | le sulphate (CAS | |
| Acute | | |
| Dermal | | |
| LD50 | Rat | 2360 mg/kg bw |
| Inhalation | | |
| LC50 | Rat | 5 mg/l, 4 hours |
| Oral | | |
| LD50 | Rat | > 2000 mg/kg bw |
| | | |

| Components | Species | Test results |
|---|---|--|
| Aluminium Chlorohydrate (CAS | 12042-91-0) | |
| Acute | | |
| Dermal | | |
| LD50 | Rat | > 2000 mg/kg bw |
| Oral | | |
| LD50 | Rat | > 2000 mg/kg bw |
| Lanthanum Chloride, Anhydrous 10099-58-8) | (CAS | |
| Acute | | |
| Dermal | | |
| LD50 | Rabbit | > 1638 mg/kg bw |
| Oral | | |
| LD50 | Rat | 2361 - 2909 mg/kg bw |
| POLYDADMAC (CAS 26062-79- | 3) | |
| Acute | | |
| Oral | | |
| LD50 | Rat | > 5000 mg/kg |
| * Estimates for product may | be based on additional component data | not shown. |
| Skin corrosion/irritation | Due to partial or complete lack of da | ta the classification is not possible. |
| Serious eye damage/eye irritation | Causes serious eye damage. | |
| Respiratory sensitisation | Due to partial or complete lack of data the classification is not possible. | |
| Skin sensitisation | May cause an allergic skin reaction. | |
| Germ cell mutagenicity | Due to partial or complete lack of da | ta the classification is not possible. |
| Carcinogenicity | Due to partial or complete lack of da | ta the classification is not possible. |
| Reproductive toxicity | Due to partial or complete lack of da | ta the classification is not possible. |
| Specific target organ toxicity - single exposure | Due to partial or complete lack of data the classification is not possible. | |
| Specific target organ toxicity - repeated exposure | Due to partial or complete lack of data the classification is not possible. | |
| Aspiration hazard | Due to partial or complete lack of data the classification is not possible. | |
| Mixture versus substance information | No information available. | |
| Other information | Not available. | |
| SECTION 12: Ecological in | nformation | |
| 12.1. Toxicity | Contains a substance which causes risk of hazardous effects to the environment. May cause long lasting harmful effects to aquatic life. | |
| Components | Species | Test results |
| Aluminium chloride hydroxide su 39290-78-3) | Iphate (CAS | |
| Aquatic | | |

| -00 | 78-3) | | | |
|-----|-----------|-------|---------------|------------------------------------|
| | Aquatic | | | |
| | Algae | ErC50 | Algae | 14 mg/l, 72 hours dissolved Al |
| | | NOEC | Algae | 1 mg/l Growth rate |
| | Crustacea | EC50 | Daphnia | > 200 mg/l, 48 hours |
| | | | | > 0.15 mg/l, 48 hours dissolved Al |
| | Fish | EC50 | Danio (Danio) | > 0.357 mg/l dissolved Al |
| | | | | |

| Components | | Species | Test results |
|--|--------|---------------------------|--|
| Aluminium Chlorohydrate (CAS 12042-91-0) | | | |
| Aquatic | | | |
| Algae | NOEC | Algae | 1 mg/l Growth rate |
| Crustacea | NOEC | Daphnia | > 160 mg/l, 48 hours similar substance |
| Fish | LC50 | Zebra danio (Danio rerio) | > 100 mg/l, 96 hours |
| | NOEC | Zebra danio (Danio rerio) | > 0.357 mg/l, 96 hours aluminium |
| Lanthanum Chloride, Anhydrous 10099-58-8) | s (CAS | | |
| Aquatic | | | |
| Algae | EC50 | Algae | 28.2 mg/l, 72 hours Growth inhibition |
| Crustacea | EC50 | Daphnia | 43.2 µg/l, 48 hours static |
| | | | 0.974 mg/l, 21 days mortality |
| | NOEC | Daphnia | 0.176 mg/l, 21 days mortality |
| Fish | NOEC | Carp (Cyprinus carpio) | 0.46 mg/l, 21 days OECD 24 |
| POLYDADMAC (CAS 26062-79 | -3) | | |
| Aquatic | | | |
| Crustacea | EC50 | Daphnia | > 10 mg/l, 48 hours OECD202 |
| Fish | LC50 | Fish | > 10 mg/l, 96 hours OECD203 |

* Estimates for product may be based on additional component data not shown.

| 12.2. Persistence and degradability | The product contains inorganic compounds which are not biodegradable. The other components of the product are slowly biodegradable. |
|--|---|
| 12.3. Bioaccumulative potential | Does not bioaccumulate. |
| Partition coefficient n-octanol/water (log Kow) | Not available. |
| Bioconcentration factor (BCF) | Not available. |
| 12.4. Mobility in soil | The product is miscible with water. May spread in water systems. |
| Mobility in general | This product is miscible in water. |
| 12.5. Results of PBT and vPvB assessment | Not available. |
| 12.6. Other adverse effects | May cause long-term adverse effects in the aquatic environment. Do not discharge into drains, water courses or onto the ground. |
| | An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. |

SECTION 13: Disposal considerations

| 13.1. Waste treatment methods | |
|-------------------------------|--|
| Residual waste | Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). Dispose of in accordance with local regulations. |
| Contaminated packaging | Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. |
| EU waste code | The Waste code should be assigned in discussion between the user, the producer and the waste disposal company. |
| Disposal methods/information | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations. |
| Special precautions | Dispose in accordance with all applicable regulations. |

SECTION 14: Transport information

ADR

Not regulated as dangerous goods.

RID

Not regulated as dangerous goods.

ADN

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

14.7. Transport in bulk according This substance/mixture is not intended to be transported in bulk. **to Annex II of MARPOL 73/78**

and the IBC Code

SECTION 15: Regulatory information

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

EU regulations

Regulation (EC) No. 2037/2000 on substances that deplete the ozone layer, Annex I

Not listed.

Regulation (EC) No. 2037/2000 on substances that deplete the ozone layer, Annex II Not listed.

Regulation (EC) No. 850/2004 on persistent organic pollutants, Annex I

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1 Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2 Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3 Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex V Not listed.

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry

Not listed.

Regulation (EC) No. 1907/2006, Article 59(1). Candidate List

Not listed.

Authorisations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended Not listed.

Restrictions on use

Regulation (EC) No. 1907/2006 Annex XVII Substances subject to restriction on marketing and use Not regulated.

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work Not listed.

Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens and mutagens at work Not regulated.

Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding.

Not regulated.

Other EU regulations

Directive 96/82/EC (Seveso II) on the control of major-accident hazards involving dangerous substances Not regulated.

| Directive 98/24/EC on the pro | tection of the health and safety of workers from the risks related to che | emical agents at work. |
|----------------------------------|--|------------------------|
| Always applicable. | | |
| Directive 94/33/EC on the pro | tection of young people at work | |
| Not listed. | | |
| Other regulations | The product is classified and labelled in accordance with EC directive This Safety Data Sheet complies with the requirements of Regulation | • |
| National regulations | Young people under 18 years old are not allowed to work with this p Directive 94/33/EC on the protection of young people at work. Follow with chemical agents. | 0 |
| 15.2. Chemical safety assessment | No Chemical Safety Assessment has been carried out. | |
| International Inventories | | |
| Country(s) or region | Inventory name | On inventory (yes/no)* |
| Australia | Australian Inventory of Chemical Substances (AICS) | No |
| Canada | Domestic Substances List (DSL) | Yes |
| Canada | Non-Domestic Substances List (NDSL) | No |
| China | Inventory of Existing Chemical Substances in China (IECSC) | Yes |
| Europe | European Inventory of New and Existing Chemicals (EINECS) | Yes |
| Europe | European List of Notified Chemical Substances (ELINCS) | No |
| Japan | Inventory of Existing and New Chemical Substances (ENCS) | No |
| Korea | Existing Chemicals List (ECL) | Yes |
| New Zealand | New Zealand Inventory | No |
| Philippines | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | No |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes |
| | ants of this product comply with the inventory requirements administered by th | (|

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

SECTION 16: Other information

| List of abbreviations | LC50: median lethal concentration LD50: median lethal dose NOEC: no observable effect concentration STP: Sewage Treatment Plant |
|--|--|
| References | Not available. |
| Information on evaluation method leading to the classification of mixture | The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available. |
| Full text of any statements or R-phrases and H-statements under Sections 2 to 15 | R20 Harmful by inhalation. |
| | R36 Irritating to eyes. |
| | R41 Risk of serious damage to eyes. |
| | R43 May cause sensitisation by skin contact. |
| | R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| | R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| | H290 May be corrosive to metals. |
| | H317 May cause an allergic skin reaction. |
| | H318 Causes serious eye damage. |
| | H331 Toxic if inhaled. |
| | H411 Toxic to aquatic life with long lasting effects. |
| | H412 Harmful to aquatic life with long lasting effects. |
| Revision information | None. |
| Training information | Read safety instructions, SDS and emergency procedures before handling. Follow training instructions when handling this material. |

The information in the sheet was written based on the best knowledge and experience currently available.

MANUFACTURER DISCLAIMER: The information given within this SDS is correct to the best of our knowledge, information and belief at the date of its revision and publication. However, the manufacturer makes no representation, warranty or guarantee as to its accuracy, reliability or completeness, nor assumes any liability for its use. It is the user's responsibility to confirm in advance that the information is current, applicable and suitable to their circumstances for each particular use. No representative of ours has authority to waive this provision. Please call for document accuracy if the revision date has exceeded 3 years.