## Section: 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

| | | |
|---|---|---|
| Product name | : | Triquart AM |
| UFI | : | V877-6PHP-RD08-KG00 |
| Product code | : | 117104E |
| Use of the Substance/Mixture | : | Disinfectant |
| Substance type: | : | Mixture |
| | | **For professional users only.** |
| Product dilution information | : | No dilution information provided. |

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

| | | |
|---|---|---|
| Identified uses | : | Surface disinfectant. Manual process<br>Surface disinfectant. Spray and rinse manual process<br>Disinfection product. Semi-automatic process |
| Recommended restrictions on use | : | Reserved for industrial and professional use. |

### 1.3 Details of the supplier of the safety data sheet

| | | |
|---|---|---|
| Company | : | Ecolab Limited<br>Forest Park<br>Mullingar Industrial Estate, Mullingar Co. Westmeath Ireland +353 1 276 3500<br>infoireland@ecolab.com<br><br>Ecolab Ltd.<br>PO Box 11; Winnington Avenue<br>Northwich, Cheshire, United Kingdom CW8 4DX<br>+353 (0)1 276 3500<br>ccs@ecolab.com |

### 1.4 Emergency telephone number

| | | |
|---|---|---|
| Poison Information Centre telephone number | : | Poisons Information: For information or to report a poisoning incident contact The National Poisons Information Centre (01 8092166) |

Date of Compilation/Revision : 21.05.2025
Version : 1.7

## Section: 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

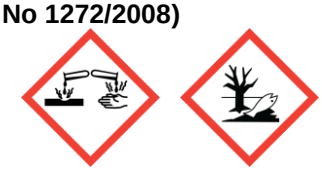
**Classification (REGULATION (EC) No 1272/2008)**

| | |
|---|---|
| Skin irritation, Category 2 | H315 |
| Serious eye damage, Category 1 | H318 |
| Acute aquatic toxicity, Category 1 | H400 |
| Chronic aquatic toxicity, Category 2 | H411 |

**2.2 Label elements**

**Labelling (REGULATION (EC) No 1272/2008)**

Hazard pictograms :



Signal Word : Danger

Hazard Statements :

| | |
|---|---|
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H400 | Very toxic to aquatic life. |
| H411 | Toxic to aquatic life with long lasting effects. |

Precautionary Statements :

**Prevention:**

| | |
|---|---|
| P273 | Avoid release to the environment. |
| P280 | Wear protective gloves/ eye protection/ face protection. |

**Response:**

| | |
|---|---|
| P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P310 | Immediately call a POISON CENTER/doctor. |

Hazardous components which must be listed on the label:
Fatty alcohol ethoxylates > 5EO
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine

**2.3 Other hazards**

None known.

## Section: 3. COMPOSITION/INFORMATION ON INGREDIENTS

**3.2 Mixtures**

**Hazardous components**

| Chemical Name | CAS-No.<br>EC-No.<br>REACH No. | Classification<br>REGULATION (EC) No 1272/2008 | Concentration : [%] |
|---|---|---|---|
| Alcohols, C13, branched, ethoxylated | 69011-36-5<br>POLYMER | Acute toxicity Category 4; H302<br>Serious eye damage Category 1; H318 | >= 3 - < 10 |
| Amphoteric surfactants | 97659-51-3<br>307-456-2<br>REACH EXEMPTED | Skin irritation Category 2; H315<br>Eye irritation Category 2; H319<br>Acute aquatic toxicity Category 1; H400 | >= 2.5 - < 10 |

| | | | |
|---|---|---|---|
| N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine | 2372-82-9<br>219-145-8<br>01-2119980592-29 | Acute toxicity Category 3; H301<br>Skin corrosion Sub-category 1B; H314<br>Serious eye damage Category 1; H318<br>Specific target organ toxicity - repeated exposure Category 2; H373<br>Acute aquatic toxicity Category 1; H400<br>Chronic aquatic toxicity Category 1; H410<br><br>M = 10<br>M(Chronic) = 1 | >= 3 - < 5 |
| Substances with a workplace exposure limit : | | | |
| Isopropyl Alcohol | 67-63-0<br>200-661-7<br>01-2119457558-25 | Flammable liquids Category 2; H225<br>Eye irritation Category 2; H319<br>Specific target organ toxicity - single exposure Category 3; H336<br><br>Serious eye damage/eye irritation Category 2<br>> 10 - 100 % | >= 0.1 - < 1 |

For the full text of the H-Statements mentioned in this Section, see Section 16.

## Section: 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

In case of skin contact : Wash off immediately with plenty of water for at least 15 minutes. Use a mild soap if available. Get medical attention if irritation develops and persists.

If swallowed : Rinse mouth. Get medical attention if symptoms occur.

If inhaled : Remove to fresh air. Treat symptomatically. Get medical attention if symptoms occur.

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

See Section 11 for more detailed information on health effects and symptoms.

### 4.3 Indication of immediate medical attention and special treatment needed

Treatment : Treat symptomatically.

## Section: 5. FIREFIGHTING MEASURES

### 5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : None known.

### 5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting : Not flammable or combustible.

| | | |
|---|---|---|
| Hazardous combustion products | : | Depending on combustion properties, decomposition products may include following materials:<br>Carbon oxides<br>nitrogen oxides (NOx) |

### 5.3 Advice for firefighters

| | | |
|---|---|---|
| Special protective equipment for firefighters | : | Use personal protective equipment. |
| Further information | : | Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes. |

## Section: 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

| | | |
|---|---|---|
| Advice for non-emergency personnel | : | Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8. |
| Advice for emergency responders | : | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. |

### 6.2 Environmental precautions

| | | |
|---|---|---|
| Environmental precautions | : | Do not allow contact with soil, surface or ground water. |

### 6.3 Methods and materials for containment and cleaning up

| | | |
|---|---|---|
| Methods for cleaning up | : | Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. |

### 6.4 Reference to other sections

See Section 1 for emergency contact information.
For personal protection see section 8.
See Section 13 for additional waste treatment information.

## Section: 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

| | | |
|---|---|---|
| Advice on safe handling | : | Avoid contact with skin and eyes. Do not get in eyes, on skin, or on clothing. Use only with adequate ventilation. Wash hands thoroughly after handling. Do not breathe spray, vapour. In case of |

mechanical malfunction, or if in contact with unknown dilution of product, wear full Personal Protective Equipment (PPE).

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.

### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Protect from frost, heat and sunlight. Store at room temperature in the original container. Keep out of reach of children. Keep container tightly closed. Store in suitable labeled containers.

Storage temperature : 0 °C to 40 °C

### 7.3 Specific end uses

Specific use(s) : Surface disinfectant. Manual process
Surface disinfectant. Spray and rinse manual process
Disinfection product. Semi-automatic process

## Section: 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

**Occupational Exposure Limits**

| Components | CAS-No. | Value type (Form of exposure) | Control parameters | Basis |
|---|---|---|---|---|
| Isopropyl Alcohol | 67-63-0 | OELV - 8 hrs (TWA) | 200 ppm | IR_OEL |
| Further information | Skin | Substances which have the capacity to penetrate intact skin when they come in contact with it, and be absorbed into the body | | |
| | | OELV - 15 min (STEL) | 400 ppm | IR_OEL |
| Further information | Skin | Substances which have the capacity to penetrate intact skin when they come in contact with it, and be absorbed into the body | | |

### 8.2 Exposure controls

**Appropriate engineering controls**

Engineering measures : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Individual protection measures**

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.

Eye/face protection (EN 166) : Safety goggles
Face-shield

Hand protection (EN 374) : Recommended preventive skin protection

| | | |
|---|---|---|
| | | Gloves<br>Nitrile rubber<br>butyl-rubber<br>Breakthrough time: 1 – 4 hours<br>Minimum thickness for butyl-rubber 0.3 mm for nitrile rubber 0.2 mm or equivalent (please refer to the gloves manufacturer/distributor for advise).<br>Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. |
| Skin and body protection (EN 14605) | : | No special protective equipment required. |
| Respiratory protection (EN 143, 14387) | : | None required if airborne concentrations are maintained below the exposure limit listed in Exposure Limit Information. Use certified respiratory protection equipment meeting EU requirements(89/656/EEC, (EU) 2016/425), or equivalent, when respiratory risks cannot be avoided or sufficiently limited by technical means of collective protection or by measures, methods or procedures of work organization. |

**Environmental exposure controls**

| | | |
|---|---|---|
| General advice | : | Consider the provision of containment around storage vessels. |

## Section: 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

| | | |
|---|---|---|
| Physical state | : | liquid |
| Colour | : | colourless |
| Odour | : | slight |
| pH | : | 9.5 - 11.0, 100 % |
| Particle characteristics | | |
| Assessment | : | not applicable |
| Particle size | : | not applicable |
| Particle Size Distribution | : | not applicable |
| Dustiness | : | not applicable |
| Specific surface area | : | not applicable |
| Surface charge/Zeta potential | : | not applicable |
| Shape | : | not applicable |
| Crystallinity | : | not applicable |
| Surface treatment /Coatings | : | not applicable |
| Flash point | : | Not applicable., Does not sustain combustion. |
| Odour Threshold | : | Not applicable and/or not determined for the mixture |
| Melting point/freezing point | : | Not applicable and/or not determined for the mixture |
| Boiling point, initial boiling point and boiling range | : | > 100 °C |

| | | |
|---|---|---|
| Evaporation rate | : | Not applicable and/or not determined for the mixture |
| Flammability | : | Not applicable and/or not determined for the mixture |
| Upper explosion limit | : | Not applicable and/or not determined for the mixture |
| Lower explosion limit | : | Not applicable and/or not determined for the mixture |
| Vapour pressure | : | Not applicable and/or not determined for the mixture |
| Relative vapour density | : | Not applicable and/or not determined for the mixture |
| Density and / or relative density | : | 1.075 - 1.095 |
| Water solubility | : | soluble |
| Solubility in other solvents | : | Not applicable and/or not determined for the mixture |
| Partition coefficient: n-octanol/water (log value) | : | Not applicable and/or not determined for the mixture |
| Auto-ignition temperature | : | Not applicable and/or not determined for the mixture |
| Thermal decomposition | : | Not applicable and/or not determined for the mixture |
| Viscosity, kinematic | : | Not applicable and/or not determined for the mixture |
| Explosive properties | : | Not applicable and/or not determined for the mixture |
| Oxidizing properties | : | The substance or mixture is not classified as oxidizing. |

### 9.2 Other information

Not applicable and/or not determined for the mixture

## Section: 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

### 10.4 Conditions to avoid

None known.

### 10.5 Incompatible materials

Acids
Organic materials

### 10.6 Hazardous decomposition products

In the event of fire, see Section 5

## Section: 11. TOXICOLOGICAL INFORMATION

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

| | | |
|---|---|---|
| Information on likely routes of exposure | : | Inhalation, Eye contact, Skin contact |

**Product**

| | | |
|---|---|---|
| Acute oral toxicity | : | Acute toxicity estimate : > 2,000 mg/kg |
| Acute inhalation toxicity | : | There is no data available for this product. |
| Acute dermal toxicity | : | There is no data available for this product. |
| Skin corrosion/irritation | : | There is no data available for this product. |
| Serious eye damage/eye irritation | : | There is no data available for this product. |
| Respiratory or skin sensitization | : | There is no data available for this product. |
| Carcinogenicity | : | There is no data available for this product. |
| Reproductive effects | : | There is no data available for this product. |
| Germ cell mutagenicity | : | There is no data available for this product. |
| Teratogenicity | : | There is no data available for this product. |
| STOT - single exposure | : | There is no data available for this product. |
| STOT - repeated exposure | : | There is no data available for this product. |
| Aspiration toxicity | : | There is no data available for this product. |

**Components**

| | | |
|---|---|---|
| Acute oral toxicity | : | Alcohols, C13, branched, ethoxylated LD50 rat: > 500 mg/kg<br><br>Amphoteric surfactants LD50 rat: > 5,000 mg/kg<br><br>N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine LD50 rat: 261 mg/kg<br>Acute toxicity estimate : 261 mg/kg<br><br>Isopropyl Alcohol LD50 rat: 4,710 mg/kg |

**Components**

| | | |
|---|---|---|
| Acute inhalation toxicity | : | Isopropyl Alcohol 4 h LC50 rat: 30 mg/l<br>Test atmosphere: vapour |

**Components**

| | | |
|---|---|---|
| Acute dermal toxicity | : | Isopropyl Alcohol LD50 rabbit: 12,870 mg/kg |

**Potential Health Effects**

| | | |
|---|---|---|
| Eyes | : | Causes serious eye damage. |
| Skin | : | Causes skin irritation. |
| Ingestion | : | Health injuries are not known or expected under normal use. |
| Inhalation | : | Health injuries are not known or expected under normal use. |
| Chronic Exposure | : | Health injuries are not known or expected under normal use. |

**Experience with human exposure**

| | | |
|---|---|---|
| Eye contact | : | Redness, Pain, Corrosion |
| Skin contact | : | Redness, Irritation |
| Ingestion | : | No symptoms known or expected. |
| Inhalation | : | No symptoms known or expected. |

### 11.2 Information on other hazards

| | | |
|---|---|---|
| **Endocrine disrupting properties** | : | The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher<br>The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher |
| **Further information** | : | no data available |

## Section: 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

| | | |
|---|---|---|
| Environmental Effects | : | Very toxic to aquatic life. Toxic to aquatic life with long lasting effects. |

**Product**

| | | |
|---|---|---|
| Toxicity to fish | : | no data available |
| Toxicity to daphnia and other aquatic invertebrates | : | no data available |
| Toxicity to algae | : | no data available |

**Components**

| | | |
|---|---|---|
| Toxicity to fish | : | Alcohols, C13, branched, ethoxylated<br>96 h LC50 Fish: 3 mg/l<br><br>N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine<br>96 h LC50 Danio rerio (zebra fish): 0.43 mg/l<br><br>Isopropyl Alcohol<br>96 h LC50 Fish: 9,640 mg/l |

**Components**

Toxicity to daphnia and other aquatic invertebrates : Alcohols, C13, branched, ethoxylated
48 h EC50 Daphnia magna (Water flea): 1.5 mg/l

N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine
48 h EC50 Daphnia magna (Water flea): 0.077 mg/l

Isopropyl Alcohol
24 h EC50 Daphnia magna (Water flea): 9,714 mg/l

**Components**

Toxicity to algae : N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine
72 h EC50 Pseudokirchneriella subcapitata (algae): 0.015 mg/l

### 12.2 Persistence and degradability

**Product**

no data available

**Components**

Biodegradability : Alcohols, C13, branched, ethoxylated
Result: Biodegradable

N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine
Result: Readily biodegradable.

Isopropyl Alcohol
Result: Readily biodegradable.

### 12.3 Bioaccumulative potential

no data available

### 12.4 Mobility in soil

no data available

### 12.5 Results of PBT and vPvB assessment

**Product**

Assessment : 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.
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.

### 12.6 Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higherThe substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH

Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher

**12.7 Other adverse effects**

no data available

## Section: 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with the European Directives on waste and hazardous waste.Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

**13.1 Waste treatment methods**

| | | |
|---|---|---|
| Product | : | Do not contaminate storm water drains, natural waterways or soil with chemical or used container. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of contents/container in accordance with local regulations. Dispose of wastes in an approved waste disposal facility. |
| Contaminated packaging | : | Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers. Dispose of in accordance with local, state, and federal regulations. |
| Guidance for Waste Code selection | : | Organic wastes containing dangerous substances. If this product is used in any further processes, the final user must redefine and assign the most appropriate European Waste Catalogue Code. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable European (EU Directive 2008/98/EC) and local regulations. |

## Section: 14. TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

**Land transport (ADR/ADN/RID)**

| | | |
|---|---|---|
| 14.1 UN number or ID number | : | 3082 |
| 14.2 UN proper shipping name | : | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.<br>(Alkylamine(s)) |
| 14.3 Transport hazard class(es) | : | 9 |
| 14.4 Packing group | : | III |
| 14.5 Environmental hazards | : | Yes |
| 14.6 Special precautions for user | : | None |

**Air transport (IATA)**

| | | |
|---|---|---|
| 14.1 UN number or ID number | : | 3082 |
| 14.2 UN proper shipping name | : | Environmentally hazardous substance, liquid, n.o.s. |

(Alkylamine(s))

| | | |
|---|---|---|
| 14.3 Transport hazard class(es) | : | 9 |
| 14.4 Packing group | : | III |
| 14.5 Environmental hazards | : | Yes |
| 14.6 Special precautions for user | : | None |

**Sea transport (IMDG/IMO)**

| | | |
|---|---|---|
| 14.1 UN number or ID number | : | 3082 |
| 14.2 UN proper shipping name | : | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alkylamine(s)) |
| 14.3 Transport hazard class(es) | : | 9 |
| 14.4 Packing group | : | III |
| 14.5 Environmental hazards | : | Yes |
| 14.6 Special precautions for user | : | None |
| 14.7 Maritime transport in bulk according to IMO instruments | : | Not applicable. |

## Section: 15. REGULATORY INFORMATION

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

| | | |
|---|---|---|
| Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. | : | ENVIRONMENTAL HAZARDS E1<br>Lower tier : 100 t<br>Upper tier : 200 t |
| Candidate List of Substances of Very High Concern for Authorisation | : | Not applicable. |

**National Regulations**

**Take note of Dir 94/33/EC on the protection of young people at work.**

| | | |
|---|---|---|
| Other regulations | : | Safety, Health and Welfare at Work Act, 2005<br>European Communities (Classification, Packaging, Labelling and Notification of Dangerous Preparations) Regulations 1995. (S.I. 272 of 1995) as amended |

**15.2 Chemical Safety Assessment**

No Chemical Safety Assessment has been carried out on the product.

## Section: 16. OTHER INFORMATION

**Procedure used to derive the classification according to REGULATION (EC) No 1272/2008**

| Classification | Justification |
|---|---|
| Skin irritation 2, H315 | Calculation method |
| Serious eye damage 1, H318 | Calculation method |
| Acute aquatic toxicity 1, H400 | Calculation method |

| | |
|---|---|
| Chronic aquatic toxicity 2, H411 | Calculation method |

**Full text of H-Statements**

| | |
|---|---|
| H225 | Highly flammable liquid and vapour. |
| H301 | Toxic if swallowed. |
| H302 | Harmful if swallowed. |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H336 | May cause drowsiness or dizziness. |
| H373 | May cause damage to organs through prolonged or repeated exposure if swallowed. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |

**Full text of other abbreviations**

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; 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; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

**Further information**

Prepared by : Regulatory Affairs

Numbers quoted in the MSDS are given in the format: 1,000,000 = 1 million and 1,000 = 1 thousand. 0.1 = 1 tenth and 0.001 = 1 thousandth

## Triquart AM

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

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 given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**Annex: Exposure Scenarios**