# Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878 - Malta

# **SAFETY DATA SHEET**



TEKNOCOAT AQUA PRIMER 1867-00 - NCS S 3010-Y20R

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

## 1.1 Product identifier

Product name : TEKNOCOAT AQUA PRIMER 1867-00 - NCS S 3010-Y20R

**1.2 Relevant identified uses of the substance or mixture and uses advised againstProduct use**: Paint.

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

Teknos Group Oy, Takkatie 3, FI-00370 HELSINKI, FINLAND. Tel. +358 9 506 091.

e-mail address of person : Prod-safe@teknos.com

responsible for this SDS

#### **National contact**

Teknos Group Oy, Takkatie 3, FI-00370 HELSINKI, FINLAND. Tel. +358 9 506 091.

#### 1.4 Emergency telephone number

#### National advisory body/Poison Centre

 Telephone number
 : Malta Competition and Consumer Affairs Authority (MCCAA): +356 2395 2000

### **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

Product definition : Mixture

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

Skin Sens. 1, H317

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.

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

#### 2.2 Label elements

Hazard pictograms



| Signal word              | Warning  |        |
|--------------------------|--|--------|
| Hazard statements        | H317 - May cause an allergic skin reaction.  |        |
| Precautionary statements |  |        |
| Prevention               | P280 - Wear protective gloves.<br>P261 - Avoid breathing vapour.   |        |
| Response                 | P362 + P364 - Take off contaminated clothing and wash it before reuse.<br>P302 + P352 - IF ON SKIN: Wash with plenty of water.<br>P333 + P313 - If skin irritation or rash occurs: Get medical advice or attention | ٦.     |
| Storage                  | Not applicable.  |        |
| Disposal                 | P501 - Dispose of contents and container in accordance with all local, region national and international regulations.  | al,    |
| Hazardous ingredients    | Contains: Glyoxal and reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-or<br>no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)  | ne [EC |

## **SECTION 2: Hazards identification**

| Supplemental label elements   | : | Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. |
|---|---|--|
| Annex XVII - Restrictions<br>on the manufacture,<br>placing on the market and<br>use of certain dangerous<br>substances, mixtures and<br>articles | : |  |
| 2.3 Other hazards   |   |  |
| Product meets the criteria<br>for PBT or vPvB according<br>to Regulation (EC) No.<br>1907/2006, Annex XIII  | : | This mixture does not contain any substances that are assessed to be a PBT or a vPvB.            |

Other hazards which do : None known. not result in classification

## **SECTION 3: Composition/information on ingredients**

| 3.2 Mixtures  | : Mixture  |           |   |   |         |
|---|--|-----------|---|---|---------|
| Product/ingredient name   | Identifiers  | %         | Classification  | Specific Conc.<br>Limits, M-factors<br>and ATEs   | Туре    |
| titanium dioxide  | REACH #:<br>01-2119489379-17<br>EC: 236-675-5<br>CAS: 13463-67-7 | ≥10 - ≤25 | Carc. 2, H351<br>(inhalation)   | -   | [1] [*] |
| Glyoxal   | EC: 203-474-9<br>CAS: 107-22-2<br>Index: 605-016-00-7            | ≤0.3      | Acute Tox. 4, H332<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1, H317<br>Muta. 2, H341  | ATE [Inhalation<br>(vapours)] = 11 mg/<br>I   | [1]     |
| reaction mass of: 5-chloro-<br>2-methyl-4-isothiazolin-<br>3-one [EC no. 247-500-7]<br>and 2-methyl-2H-isothiazol-<br>3-one [EC no. 220-239-6]<br>(3:1) | CAS: 55965-84-9<br>Index: 613-167-00-5                           | <0.0025   | Acute Tox. 3, H301<br>Acute Tox. 2, H310<br>Acute Tox. 2, H330<br>Skin Corr. 1C, H314<br>Eye Dam. 1, H318<br>Skin Sens. 1A, H317<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1,<br>H410<br>EUH071 | ATE [Oral] = 53 mg/<br>kg<br>ATE [Dermal] = 50<br>mg/kg<br>ATE [Inhalation<br>(vapours)] = 0.5<br>mg/l<br>Skin Corr. 1C,<br>H314: $C \ge 0.6\%$<br>Eye Dam. 1, H318:<br>$C \ge 0.6\%$<br>Eye Irrit. 2, H319:<br>$0.06\% \le C < 0.6\%$<br>Skin Sens. 1, H317:<br>$C \ge 0.0015\%$<br>M [Acute] = 100<br>M [Chronic] = 100 | [1]     |
|   |  |           | See Section 16 for<br>the full text of the H<br>statements declared<br>above.   |   |         |

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

#### Туре

[1] Substance classified with a health or environmental hazard

[\*] The classification as a carcinogen by inhalation applies only to mixtures placed on the market in powder form containing 1% or more of titanium dioxide particles with aerodynamic diameter  $\leq$  10 µm not bound within a matrix.

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## **SECTION 3: Composition/information on ingredients**

Occupational exposure limits, if available, are listed in Section 8.

## **SECTION 4: First aid measures**

| 4.1 Description of first aid | measures   |
|------------------------------|--|
| Eye contact                  | : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.   |
| Inhalation                   | : Remove victim to fresh air and keep at rest in a position comfortable for breathing.<br>If not breathing, if breathing is irregular or if respiratory arrest occurs, provide<br>artificial respiration or oxygen by trained personnel. It may be dangerous to the<br>person providing aid to give mouth-to-mouth resuscitation. Get medical attention if<br>adverse health effects persist or are severe. If unconscious, place in recovery<br>position and get medical attention immediately. Maintain an open airway. Loosen<br>tight clothing such as a collar, tie, belt or waistband.   |
| Skin contact                 | : Wash with plenty of soap and water. Remove contaminated clothing and shoes.<br>Wash contaminated clothing thoroughly with water before removing it, or wear<br>gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the<br>event of any complaints or symptoms, avoid further exposure. Wash clothing before<br>reuse. Clean shoes thoroughly before reuse.  |
| Ingestion                    | : Wash out mouth with water. Remove dentures if any. If material has been<br>swallowed and the exposed person is conscious, give small quantities of water to<br>drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not<br>induce vomiting unless directed to do so by medical personnel. If vomiting occurs,<br>the head should be kept low so that vomit does not enter the lungs. Get medical<br>attention if adverse health effects persist or are severe. Never give anything by<br>mouth to an unconscious person. If unconscious, place in recovery position and get<br>medical attention immediately. Maintain an open airway. Loosen tight clothing such<br>as a collar, tie, belt or waistband. |
| Protection of first-aiders   | : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.  |

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

| Over-exposure signs/sy    | r <u>mptoms</u>   |
|---------------------------|---|
| Eye contact               | : No specific data.   |
| Inhalation                | : No specific data.   |
| Skin contact              | : Adverse symptoms may include the following:<br>irritation<br>redness            |
| Ingestion                 | : No specific data.   |
| 4.3 Indication of any imm | ediate medical attention and special treatment needed                             |
| Notes to physician        | : Treat symptomatically. Contact poison treatment specialist immediately if large |

quantities have been ingested or inhaled.

# Specific treatments : No specific treatment. SECTION 5: Firefighting measures

| 5.1 Extinguishing media<br>Suitable extinguishing<br>media | : Use an extinguishing agent suitable for the surrounding fire.                       |
|--|---|
| Unsuitable extinguishing media                             | : None known.   |
|  | rom the substance or mixture  |
| 5.2 Special nazaros arising i                              | rom the substance or mixture  |
| Hazards from the   | : In a fire or if heated, a pressure increase will occur and the container may burst. |

substance or mixture

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| <b>SECTION 5: Firefight</b>                       | ting measures   |
|---|---|
| Hazardous combustion products                     | : Decomposition products may include the following materials:<br>metal oxide/oxides   |
| 5.3 Advice for firefighters                       |   |
| Special protective actions for fire-fighters      | : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.   |
| Special protective<br>equipment for fire-fighters | : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents. |

## **SECTION 6: Accidental release measures**

| 6.1 Personal precautions, pro   | tective equipment and emergency procedures  |
|---------------------------------|---|
| For non-emergency<br>personnel  | : No action shall be taken involving any personal risk or without suitable training.<br>Evacuate surrounding areas. Keep unnecessary and unprotected personnel from<br>entering. Do not touch or walk through spilt material. Avoid breathing vapour or<br>mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is<br>inadequate. Put on appropriate personal protective equipment.   |
| 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. See also the information in "For non-emergency personnel".   |
| 6.2 Environmental precautions   | : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).   |
| 6.3 Methods and material for    | containment and cleaning up   |
| Small spill                     | : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.   |
| Large spill                     | : Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product. |
| 6.4 Reference to other sections | : See Section 1 for emergency contact information.<br>See Section 8 for information on appropriate personal protective equipment.<br>See Section 13 for additional waste treatment information.   |

# **SECTION 7: Handling and storage**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

#### 7.1 Precautions for safe handling

| Protective measures | : Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container. |
|---------------------|--|
|---------------------|--|

## SECTION 7: Handling and storage

| Advice on general    |
|----------------------|
| occupational hygiene |

: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

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

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

#### 7.3 Specific end use(s)

| tions        | : Not available. |
|--------------|------------------|
| tor specific | : Not available. |

Industrial sect solutions

Recommenda

### SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

#### 8.1 Control parameters

#### **Occupational exposure limits**

| Product/ingredient name        | Exposure limit values |
|--------------------------------|-----------------------|
| No exposure limit value known. |                       |

#### **Biological exposure indices**

| Product/ingredient name    | Exposure indices |
|----------------------------|------------------|
| No exposure indices known. |                  |

Reference should be made to monitoring standards, such as the following: **Recommended monitoring** з. European Standard EN 689 (Workplace atmospheres - Guidance for the procedures assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

#### **DNELs/DMELs**

| Product/ingredient name           | Туре      | Exposure                 | Value                  | Population            | Effects               |
|-----------------------------------|-----------|--------------------------|------------------------|-----------------------|-----------------------|
| Øiyoxal                           | DNEL      | Long term Oral           | 0.15 mg/<br>kg bw/day  | General population    | Systemic              |
|                                   | DNEL      | Long term<br>Inhalation  | 0.44 mg/m <sup>3</sup> | General<br>population | Systemic              |
|                                   | DNEL      | Short term<br>Inhalation | 1.32 mg/m <sup>3</sup> | General<br>population | Systemic              |
|                                   | DNEL      | Long term Dermal         | 2.3 mg/kg<br>bw/day    | General<br>population | Systemic              |
|                                   | DNEL      | Long term<br>Inhalation  | 2.96 mg/m <sup>3</sup> |                       | Systemic              |
|                                   | DNEL      | Long term Dermal         | 6.6 mg/kg<br>bw/day    | Workers               | Systemic              |
|                                   | DNEL      | Short term<br>Inhalation | 8.9 mg/m <sup>3</sup>  | Workers               | Systemic              |
|                                   | DNEL      | Long term<br>Inhalation  | 10 µg/m³               | General<br>population | Local                 |
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|                                      | DNEL | Long term                | 40 µg/m³               | Workers                 | Local    |
|--------------------------------------|------|--------------------------|------------------------|-------------------------|----------|
|                                      |      | Inhalation               |                        | _                       |          |
| reaction mass of: 5-chloro-2-methyl- | DNEL | Long term                | 0.02 mg/m <sup>3</sup> |                         | Local    |
| 4-isothiazolin-3-one [EC no.         |      | Inhalation               |                        | population              |          |
| 247-500-7] and 2-methyl-2H-          |      |                          |                        |                         |          |
| isothiazol-3-one [EC no. 220-239-6]  |      |                          |                        |                         |          |
| (3:1)                                |      | 1 4                      | 0.00                   | \ <b>A</b> / = = - = == | 1 1      |
|                                      | DNEL | Long term<br>Inhalation  | 0.02 mg/m <sup>3</sup> | vvorkers                | Local    |
|                                      | DNEL | Short term               | 0.04 mg/m <sup>3</sup> | General                 | Local    |
|                                      |      | Inhalation               | _                      | population              |          |
|                                      | DNEL | Short term<br>Inhalation | 0.04 mg/m <sup>3</sup> | Workers                 | Local    |
|                                      | DNEL | Long term Oral           | 0.09 mg/               | General                 | Systemic |
|                                      |      | -                        | kg bw/day              | population              | -        |
|                                      | DNEL | Short term Oral          | 0.11 mg/<br>kg bw/day  | General population      | Systemic |

#### **PNECs**

No PNECs available

#### 8.2 Exposure controls

| Appropriate engineering controls | :  | : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.  |   |  |  |
|----------------------------------|----|---|---|--|--|
| Individual protection measur     | es | 2   |   |  |  |
| Hygiene measures                 | :  | Wash hands, forearms and face thoroughly after handling chemic<br>before eating, smoking and using the lavatory and at the end of the<br>Appropriate techniques should be used to remove potentially cont<br>Contaminated work clothing should not be allowed out of the work<br>contaminated clothing before reusing. Ensure that eyewash static<br>showers are close to the workstation location.   | ne working period.<br>taminated clothing.<br>kplace. Wash |  |  |
| Eye/face protection              | :  | Safety eyewear complying with an approved standard should be u assessment indicates this is necessary to avoid exposure to liquid gases or dusts. If contact is possible, the following protection should be unless the assessment indicates a higher degree of protection: side-shields.   | d splashes, mists,<br>ould be worn,                       |  |  |
| Skin protection                  |    |   |   |  |  |
| Hand protection                  | :  | Chemical-resistant, impervious gloves complying with an approved standard should<br>be worn at all times when handling chemical products if a risk assessment indicates<br>this is necessary. Considering the parameters specified by the glove manufacturer,<br>check during use that the gloves are still retaining their protective properties. It<br>should be noted that the time to breakthrough for any glove material may be<br>different for different glove manufacturers. In the case of mixtures, consisting of<br>several substances, the protection time of the gloves cannot be accurately<br>estimated. |   |  |  |
|                                  |    | Recommendations : Wear suitable gloves tested to EN374.   |   |  |  |
|                                  |    | > 8 hours (breakthrough time): Nitrile gloves. thickness > 0.3 r  | nm  |  |  |
|                                  |    | Not recommended polyvinyl alcohol (PVA) gloves  |   |  |  |
| Body protection                  | :  | Personal protective equipment for the body should be selected bab<br>being performed and the risks involved and should be approved b<br>before handling this product.   |   |  |  |
| Other skin protection            | :  | Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.   |   |  |  |
| Respiratory protection           | :  | Based on the hazard and potential for exposure, select a respirate<br>appropriate standard or certification. Respirators must be used a<br>respiratory protection program to ensure proper fitting, training, ar<br>aspects of use.<br>Filter type (spray application): A P   | ccording to a   |  |  |
|                                  |    |   |   |  |  |

### **SECTION 8: Exposure controls/personal protection**

Environmental exposure controls

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## **SECTION 9: Physical and chemical properties**

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

#### 9.1 Information on basic physical and chemical properties

| <u>Appearance</u>                       |                  |
|---|------------------|
| Physical state                          | : Liquid.        |
| Colour                                  | : Light brown.   |
| Odour                                   | : Slight         |
| Odour threshold                         | : Not available. |
| Melting point/freezing point            | : Not available. |
| Initial boiling point and boiling range | :                |

| Ingredient name | °C  | °F  | Method |
|-----------------|-----|-----|--------|
| water           | 100 | 212 |        |
| water           | 100 | 212 |        |

| Flammability                            | Not available.                                   |  |  |  |
|---|--|--|--|--|
| Lower and upper explosion limit         | Lower: Not applicable.<br>Upper: Not applicable. |  |  |  |
| Flash point                             | Closed cup: >100°C (>212°F)                      |  |  |  |
| Auto-ignition temperature               | Not available.                                   |  |  |  |
| Decomposition temperature               | Not available.                                   |  |  |  |
| рН                                      | 3.4 to 4.5 [Conc. (% w/w): 100%]                 |  |  |  |
| Viscosity                               | Not available.                                   |  |  |  |
| Solubility(ies)                         |  |  |  |  |
| Not available.                          |  |  |  |  |
| Solubility in water                     | Not available.                                   |  |  |  |
| Partition coefficient: n-octanol/ water | Not applicable.                                  |  |  |  |

#### Vapour pressure

|                 | Vapour Pressure at 20°C |     |        | Vapour pressure at 50°C |     |        |
|-----------------|-------------------------|-----|--------|-------------------------|-----|--------|
| Ingredient name | mm Hg                   | kPa | Method | mm Hg                   | kPa | Method |
| water           | 17.5                    | 2.3 |        |                         |     |        |
| water           | 17.5                    | 2.3 |        |                         |     |        |

| Relative density         | : Not available.        |
|--------------------------|-------------------------|
| Density                  | : 1.3 g/cm <sup>3</sup> |
| Vapour density           | : Not available.        |
| Explosive properties     | : Not available.        |
| Oxidising properties     | : Not available.        |
| Particle characteristics |                         |
| Median particle size     | : Not applicable.       |

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| SECTION 10: Stability and reactivity     |  |  |  |  |  |
|--|--|--|--|--|--|
| 10.1 Reactivity                          | : No specific test data related to reactivity available for this product or its ingredients.           |  |  |  |  |
| 10.2 Chemical stability                  | : The product is stable.   |  |  |  |  |
| 10.3 Possibility of hazardous reactions  | : Under normal conditions of storage and use, hazardous reactions will not occur.                      |  |  |  |  |
| 10.4 Conditions to avoid                 | : No specific data.  |  |  |  |  |
| 10.5 Incompatible materials              | : No specific data.  |  |  |  |  |
| 10.6 Hazardous<br>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

| Product/ingredient name   | Result                 | Species    | Dose                  | Exposure |
|---|------------------------|------------|-----------------------|----------|
| Vivoxal<br>reaction mass of: 5-chloro-<br>2-methyl-4-isothiazolin-<br>3-one [EC no. 247-500-7]<br>and 2-methyl-2H-isothiazol-<br>3-one [EC no. 220-239-6] (3:<br>1) | LD50 Oral<br>LD50 Oral | Rat<br>Rat | 200 mg/kg<br>53 mg/kg | -        |
| <b>Conclusion/Summary</b> : Based on available data, the classification criteria are not met.   |                        |            |                       |          |

## Acute toxicity estimates

| Route          | ATE value |
|----------------|-----------|
| Not available. |           |

#### Irritation/Corrosion

| Product/ingredient name  | Result  | Species | Score | Exposure             | Observation |
|--|---|---------|-------|----------------------|-------------|
| inanium dioxide  | Skin - Mild irritant  | Human   | -     | 72 hours 300<br>ug l | -           |
| Glyoxal  | Eyes - Mild irritant  | Rabbit  | -     | 100 uL               | -           |
|  | Eyes - Moderate irritant  | Rabbit  | -     | 24 hours 100<br>uL   | -           |
|  | Eyes - Severe irritant  | Rabbit  | -     | 20 mg                | -           |
|  | Skin - Mild irritant  | Rabbit  | -     | 258 mg               | -           |
|  | Skin - Mild irritant  | Rabbit  | -     | 4 hours 500<br>uL    | -           |
| reaction mass of: 5-chloro-<br>2-methyl-4-isothiazolin-<br>3-one [EC no. 247-500-7]<br>and 2-methyl-2H-isothiazol-<br>3-one [EC no. 220-239-6] (3:<br>1) | Skin - Severe irritant  | Human   | -     | 0.01 %               | -           |
| Conclusion/Summary   | : Based on available data, the classification criteria are not met. |         |       |                      |             |
| Sensitisation  |   |         |       |                      |             |
| Conclusion/Summary   | : May cause an allergic skin reaction.                              |         |       |                      |             |

# Mutagenicity Conclusion/Summary : Based on available data, the classification criteria are not met.

#### **Carcinogenicity**

It has been observed that the carcinogenic hazard of this product arises when respirable dust is inhaled in quantities leading to significant impairment of particle clearance mechanisms in the lung.

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| SECTION 11: Toxico  | logical information   |
|---|---|
| Conclusion/Summary  | : Based on available data, the classification criteria are not met.   |
| Reproductive toxicity                                       |   |
| <b>Conclusion/Summary</b>                                   | : Based on available data, the classification criteria are not met.   |
| <b>Teratogenicity</b>                                       |   |
| <b>Conclusion/Summary</b>                                   | : Based on available data, the classification criteria are not met.   |
| <u>Specific target organ toxici</u>                         | <u>ty (single exposure)</u>   |
| Not available.  |   |
| Specific target organ toxici                                | ty (repeated exposure)  |
| Not available.  |   |
| Aspiration hazard   |   |
| Not available.  |   |
|   |   |
| Information on likely routes                                | : Not available.  |
| of exposure   |   |
| Potential acute health effect                               |   |
| Eye contact<br>Inhalation                                   | : No known significant effects or critical hazards.   |
| Skin contact  | : No known significant effects or critical hazards.   |
| Ingestion   | <ul> <li>May cause an allergic skin reaction.</li> <li>No known significant effects or critical hazards.</li> </ul> |
| ingestion   |   |
| Symptoms related to the phy                                 | vsical, chemical and toxicological characteristics  |
| Eye contact   | : No specific data.   |
| Inhalation  | : No specific data.   |
| Skin contact  | : Adverse symptoms may include the following:<br>irritation<br>redness  |
| Ingestion   | : No specific data.   |
|   |   |
|   | cts as well as chronic effects from short and long-term exposure  |
| Short term exposure   |   |
| Potential immediate<br>effects                              | : Not available.  |
| Potential delayed effects                                   | : Not available.  |
| <u>Long term exposure</u>                                   |   |
| Potential immediate<br>effects                              | : Not available.  |
| Potential delayed effects                                   | : Not available.  |
| Potential chronic health eff                                | iects   |
| Not available.  |   |
| Conclusion/Summary  | : Not available.  |
| General   | : Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.               |
| Carcinogenicity   | : No known significant effects or critical hazards.   |
| Mutagenicity  | : No known significant effects or critical hazards.   |
| Reproductive toxicity                                       | : No known significant effects or critical hazards.   |
| 11.2 Information on other ha<br>11.2.1 Endocrine disrupting |   |
| Not available.  |   |
| 11.2.2 Other information                                    |   |

## **SECTION 11: Toxicological information**

Not available.

## **SECTION 12: Ecological information**

#### **12.1 Toxicity**

| Product/ingredient name | Result                                   | Species                                     | Exposure |
|-------------------------|--|---|----------|
| titanium dioxide        | Acute LC50 3 mg/l Fresh water            | Crustaceans - Ceriodaphnia dubia - Neonate  | 48 hours |
|                         | Acute LC50 6.5 mg/l Fresh water          | Daphnia - <i>Daphnia pulex -</i><br>Neonate | 48 hours |
|                         | Acute LC50 >1000000 μg/l Marine<br>water | Fish - Fundulus heteroclitus                | 96 hours |
| Glyoxal                 | Acute EC50 66480 µg/l Fresh water        | Algae - Pseudokirchneriella subcapitata     | 96 hours |
|                         | Acute LC50 215000 µg/l Fresh water       | Fish - Pimephales promelas                  | 96 hours |

Conclusion/Summary

Based on available data, the classification criteria are not met.

#### 12.2 Persistence and degradability

**Conclusion/Summary** 

: This product has not been tested for biodegradation.

#### 12.3 Bioaccumulative potential

| Product/ingredient name | LogP <sub>ow</sub> | BCF | Potential |
|-------------------------|--------------------|-----|-----------|
| Ølyoxal                 | -1.62              | 3.2 | Low       |

| 12.4 Mobility in soil                     |                  |
|---|------------------|
| Soil/water partition<br>coefficient (Koc) | : Not available. |
| Mobility                                  | : Not available. |

#### 12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

#### 12.6 Endocrine disrupting properties

Not available.

#### 12.7 Other adverse effects

No known significant effects or critical hazards.

### **SECTION 13: Disposal considerations**

#### 13.1 Waste treatment methods

| Product                           |   |
|-----------------------------------|---|
| Methods of disposal               | : The generation of waste should be avoided or minimised wherever possible.<br>Disposal of this product, solutions and any by-products should at all times comply<br>with the requirements of environmental protection and waste disposal legislation and<br>any regional local authority requirements. Dispose of surplus and non-recyclable<br>products via a licensed waste disposal contractor. Waste should not be disposed of<br>untreated to the sewer unless fully compliant with the requirements of all authorities<br>with jurisdiction. |
| Hazardous waste                   | : The classification of the product may meet the criteria for a hazardous waste.  |
| European waste<br>catalogue (EWC) | : 080112, 200128  |
| Packaging                         |   |

## **SECTION 13: Disposal considerations**

| •                   |   |
|---------------------|---|
| Methods of disposal | : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.  |
| Special precautions | : This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. |
|                     |   |

# **SECTION 14: Transport information**

|   | ADR/RID              | ADN  | IMDG           | IATA           |
|---|----------------------|--|----------------|----------------|
| 14.1 UN number<br>or ID number  | Not regulated.       | 9006   | Not regulated. | Not regulated. |
| 14.2 UN proper<br>shipping name   | -                    | ENVIRONMENTALLY<br>HAZARDOUS<br>SUBSTANCE,<br>LIQUID, N.O.S. | -              | -              |
| 14.3 Transport<br>hazard class(es)  | -                    | 9  | -              | -              |
| 14.4 Packing<br>group   | -                    | -  | -              | -              |
| 14.5<br>Environmental<br>hazards  | No.                  | Yes.   | No.            | No.            |
| Additional information         ADN       : The product is only regulated as a dangerous good when transported in tank vessels.         14.6 Special precautions for user       : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage. |                      |  |                |                |
| 14.7 Maritime trans<br>bulk according to I  | port in : Not releva | int/applicable due to natur                                  |                |                |

instruments

### **SECTION 15: Regulatory information**

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture <u>EU Regulation (EC) No. 1907/2006 (REACH)</u>

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

#### Substances of very high concern

None of the components are listed.

# Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

| Product/ingredient name     | %   | Designation [Usage] |
|-----------------------------|-----|---------------------|
| KNOCOAT AQUA PRIMER 1867-00 | ≥90 | 3                   |

Labelling

**Other EU regulations** 

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# SECTION 15: Regulatory information

| SECTION 15: Regulatory information  |
|---|
| Industrial emissions : Not listed<br>(integrated pollution<br>prevention and control) -<br>Air              |
| Industrial emissions : Not listed<br>(integrated pollution<br>prevention and control) -<br>Water            |
| Explosive precursors : Not applicable.  |
| Ozone depleting substances (1005/2009/EU)   |
| Not listed.   |
| Prior Informed Consent (PIC) (649/2012/EU)<br>Not listed.   |
| Persistent Organic Pollutants<br>Not listed.  |
| Seveso Directive<br>This product is not controlled under the Seveso Directive.                              |
| International regulations<br>Chemical Weapon Convention List Schedules I, II & III Chemicals<br>Not listed. |
| Montreal Protocol<br>Not listed.  |
| Stockholm Convention on Persistent Organic Pollutants<br>Not listed.  |
| Rotterdam Convention on Prior Informed Consent (PIC)<br>Not listed.   |
| UNECE Aarhus Protocol on POPs and Heavy Metals<br>Not listed.   |
|   |

**15.2 Chemical safety assessment** : This product contains substances for which Chemical Safety Assessments are still required.

## **SECTION 16: Other information**

✓ Indicates information that has changed from previously issued version.

| Abbreviations and<br>acronyms | : ATE = Acute Toxicity Estimate<br>CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. |
|-------------------------------|--|
|                               | 1272/2008]<br>DMEL = Derived Minimal Effect Level  |
|                               | DNEL = Derived No Effect Level   |
|                               | EUH statement = CLP-specific Hazard statement  |
|                               | N/A = Not available  |
|                               | PBT = Persistent, Bioaccumulative and Toxic  |
|                               | PNEC = Predicted No Effect Concentration   |
|                               | RRN = REACH Registration Number  |
|                               | SGG = Segregation Group  |
|                               | vPvB = Very Persistent and Very Bioaccumulative  |

#### Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

| Classification     | Justification      |  |
|--------------------|--------------------|--|
| Skin Sens. 1, H317 | Calculation method |  |

#### Full text of abbreviated H statements

| Date of issue/Date of revision | :01/11/2023   | Date of previous issue | : 31/01/2023 | Version : 1.01 12/14 |
|--------------------------------|---------------|------------------------|--------------|----------------------|
| TEKNOCOAT AQUA PRIMER 186      | 7-00 - NCS \$ | S 3010-Y20R            |              | Label No :61240      |

| SECTION 16: Other information |   |  |  |  |
|-------------------------------|---|--|--|--|
| Н301 Т                        | oxic if swallowed.                                    |  |  |  |
| H310 F                        | Fatal in contact with skin.                           |  |  |  |
| H314 C                        | Causes severe skin burns and eye damage.              |  |  |  |
|                               | Causes skin irritation.                               |  |  |  |
|                               | lay cause an allergic skin reaction.                  |  |  |  |
|                               | Causes serious eye damage.                            |  |  |  |
|                               | Causes serious eye irritation.                        |  |  |  |
|                               | Fatal if inhaled.                                     |  |  |  |
|                               | Harmful if inhaled.                                   |  |  |  |
|                               | Suspected of causing genetic defects.                 |  |  |  |
|                               | Suspected of causing cancer.                          |  |  |  |
|                               | Very toxic to aquatic life.                           |  |  |  |
|                               | Very toxic to aquatic life with long lasting effects. |  |  |  |
| EUH071 C                      | Corrosive to the respiratory tract.                   |  |  |  |
| Full text of classifi         | cations [CLP/GHS]                                     |  |  |  |
| Acute Tox. 2                  | ACUTE TOXICITY - Category 2                           |  |  |  |
| Acute Tox. 3                  | ACUTE TOXICITY - Category 3                           |  |  |  |
| Acute Tox. 4                  | ACUTE TOXICITY - Category 4                           |  |  |  |
| Aquatic Acute 1               | SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1        |  |  |  |
| Aquatic Chronic 1             | LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1       |  |  |  |
| Carc. 2                       | CARCINOGENICITY - Category 2                          |  |  |  |
| Eye Dam. 1                    | SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1        |  |  |  |
| Eye Irrit. 2                  | SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2        |  |  |  |
| Muta. 2                       | GERM CELL MUTAGENICITY - Category 2                   |  |  |  |
| Skin Corr. 1C                 | SKIN CORROSION/IRRITATION - Category 1C               |  |  |  |
| Skin Irrit. 2                 | SKIN CORROSION/IRRITATION - Category 2                |  |  |  |
| Skin Sens. 1                  | SKIN SENSITISATION - Category 1                       |  |  |  |
| Skin Sens. 1A                 | SKIN SENSITISATION - Category 1A                      |  |  |  |
| Date of issue/ Date           | e of : 01/11/2023                                     |  |  |  |
| revision                      |   |  |  |  |
| Date of previous is           | ssue : 31/01/2023                                     |  |  |  |
| Version                       | : 1.01  |  |  |  |
|                               | TEKNOCOAT AQUA PRIMER 1867-00_NCS S NCS S 3010-Y20R   |  |  |  |

#### Notice to reader

The information in this SDS is based on the present state of our knowledge and on current laws. The product is not to be used for purposes other than those specified under section 1 without first obtaining written handling instructions. It is always the responsibility of the user to take all necessary steps to fulfil the demands set out in the local rules and legislation. The information in this SDS is meant to be a description of the safety requirements for our product. It is not to be considered a guarantee of the product's properties.

Date of issue/Date of revision: 01/11/2023Date of previous issueTEKNOCOAT AQUA PRIMER 1867-00 - NCS S 3010-Y20R

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