

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

#### 1.1. Product identifier

Product form : Mixtures  
Product name : Keep It Clean  
Product group : Trade product

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

##### 1.2.1. Relevant identified uses

Intended for general public  
Main use category : Consumer use, Professional use  
Use of the substance/mixture : Plant nutrition

| Title         | Use descriptors  |
|---------------|------------------|
| Keep It Clean | SU21, SU22, PC12 |

Full text of use descriptors: see section 16

##### 1.2.2. Uses advised against

No additional information available

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

##### Supplier

Dutchpro B.V.  
Asterweg 113  
1031 HM Amsterdam - Nederland  
T +31 (0)20 4480854  
[info@dutchpro.com](mailto:info@dutchpro.com)

##### Correspondence address

Dutchpro B.V.  
De Steiger 97  
1351 AH Almere - Nederland

#### 1.4. Emergency telephone number

No additional information available

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

Not classified

##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

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

Precautionary statements (CLP) : P102 - Keep out of reach of children

#### 2.3. Other hazards

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

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

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Comments : Mentioned percentages are in (w/w %)

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

| Name   | Product identifier  | %     | Classification according to Regulation (EC) No. 1272/2008 [CLP]   |
|--|---|-------|---|
| hydrogen peroxide solution ... %<br>(Note B) | (CAS-No.) 7722-84-1<br>(EC-No.) 231-765-0<br>(EC Index-No.) 008-003-00-9<br>(REACH-no) 01-2119485845-22 | < 0,1 | Ox. Liq. 1, H271<br>Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Inhalation), H332<br>Skin Corr. 1A, H314<br>Eye Dam. 1, H318<br>STOT SE 3, H335<br>Aquatic Chronic 3, H412 |

### Specific concentration limits:

| Name                             | Product identifier  | Specific concentration limits   |
|----------------------------------|---|---|
| hydrogen peroxide solution ... % | (CAS-No.) 7722-84-1<br>(EC-No.) 231-765-0<br>(EC Index-No.) 008-003-00-9<br>(REACH-no) 01-2119485845-22 | ( 5 =<C < 8) Eye Irrit. 2, H319<br>( 8 =<C < 50) Eye Dam. 1, H318<br>( C >= 35) STOT SE 3, H335<br>( 35 =<C < 50) Skin Irrit. 2, H315<br>( 50 =<C < 70) Skin Corr. 1B, H314<br>( 50 =<C < 70) Ox. Liq. 2, H272<br>( C >= 70) Skin Corr. 1A, H314<br>( C >= 70) Ox. Liq. 1, H271 |

Note B : Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: "nitric acid ... %".

In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a ght/weight basis.

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures general            | : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). In all cases of doubt, or when symptoms persist, seek medical attention. |
| First-aid measures after inhalation   | : Assure fresh air breathing. Allow the victim to rest. Seek medical attention if ill effect or irritation develops.   |
| First-aid measures after skin contact | : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Seek medical attention if ill effect or irritation develops.                             |
| First-aid measures after eye contact  | : Rinse immediately with plenty of water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention if ill effect or irritation develops.                  |
| First-aid measures after ingestion    | : Rinse mouth. Induce vomiting if victim completely conscious/alert. Obtain emergency medical attention.   |

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

|                                     |  |
|-------------------------------------|--|
| Symptoms/effects                    | : Not expected to present a significant hazard under anticipated conditions of normal use. |
| Symptoms/effects after inhalation   | : In the event of exposure to high concentrations : May cause respiratory irritation.      |
| Symptoms/effects after skin contact | : May cause slight irritation.   |
| Symptoms/effects after eye contact  | : May cause slight irritation.   |
| Symptoms/effects after ingestion    | : May cause gastrointestinal irritation, nausea, vomiting and diarrhoea.                   |

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

Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Extinguishing media

|                                |  |
|--------------------------------|--|
| Suitable extinguishing media   | : Carbon dioxide (CO2). extinguishing powder. Water spray. Foam. Sand. Making extinguishing agents environment-friendly. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.   |

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

|  |  |
|--|--|
| Hazardous decomposition products in case of fire | : At high temperature may liberate dangerous gases. Carbon dioxide. Carbon monoxide. |
|--|--|

### 5.3. Advice for firefighters

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

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### SECTION 6: Accidental release measures

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

General measures : Provide adequate ventilation.

##### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. Wash away remainder with plenty of water.

#### 6.4. Reference to other sections

Concerning personal protective equipment to use, see section 8. Concerning disposal elimination after cleaning, see section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Provide good ventilation in process area to prevent formation of vapour. Do not breathe vapours. Handle and open container with care. Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure. Avoid contact with skin and eyes. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

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

Storage conditions : Keep container closed when not in use. Original packaging. Keep out of frost. Keep cool. Store in a dark area. Protect material from direct sunlight.

Storage temperature : 10 - 30 °C

Prohibitions on mixed storage : No contact with flammable substances. Reducing agent. Strong bases.

Packaging materials : Polyethylene.

#### 7.3. Specific end use(s)

No supplementary information available.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

| hydrogen peroxide solution ... % (7722-84-1) |                               |                                 |
|--|-------------------------------|---------------------------------|
| EU   | Local name                    | Hydrogen peroxide               |
| EU   | Notes                         | SCOEL Recommendations (Ongoing) |
| United Kingdom                               | Local name                    | Hydrogen peroxide               |
| United Kingdom                               | WEL TWA (mg/m <sup>3</sup> )  | 1,4 mg/m <sup>3</sup>           |
| United Kingdom                               | WEL TWA (ppm)                 | 1 ppm                           |
| United Kingdom                               | WEL STEL (mg/m <sup>3</sup> ) | 2,8 mg/m <sup>3</sup>           |
| United Kingdom                               | WEL STEL (ppm)                | 2 ppm                           |

| hydrogen peroxide solution ... % (7722-84-1) |                        |
|--|------------------------|
| DNEL/DMEL (Workers)                          |                        |
| Acute - local effects, inhalation            | 3 mg/m <sup>3</sup>    |
| Long-term - local effects, inhalation        | 1,4 mg/m <sup>3</sup>  |
| DNEL/DMEL (General population)               |                        |
| Acute - local effects, inhalation            | 1,93 mg/m <sup>3</sup> |
| Long-term - local effects, inhalation        | 210 µg/m <sup>3</sup>  |
| PNEC (Water)                                 |                        |
| PNEC aqua (freshwater)                       | 12,6 µg/l              |
| PNEC aqua (marine water)                     | 12,6 µg/l              |
| PNEC (Sediment)                              |                        |
| PNEC sediment (freshwater)                   | 47 µg/kg               |
| PNEC sediment (marine water)                 | 47 µg/kg               |
| PNEC (Soil)                                  |                        |
| PNEC soil                                    | 2,3 µg/kg              |

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### hydrogen peroxide solution ... % (7722-84-1)

PNEC (STP)

PNEC sewage treatment plant

4,66 mg/l

## 8.2. Exposure controls

### Appropriate engineering controls:

Ensure that there is a suitable ventilation system.

### Personal protective equipment:

Gloves. Safety glasses. Protective clothing. Avoid all unnecessary exposure.

### Hand protection:

Wear suitable gloves tested to EN374. Suitable material: Nitrile rubber, butyl rubber, Polyvinylchloride (PVC). Layer thickness : 0,4 - 0,7 mm. penetration time (maximum wearing period): > 480 min. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. Gloves must be replaced after each use and whenever signs of wear or perforation appear

### Eye protection:

Use eye protection according to EN 166, designed to protect liquid splashes

### Skin and body protection:

Wear suitable protective clothing. Recommendation: Chemical resistant suit. EN 14605. Boots. If on skin, take off contaminated clothing

### Respiratory protection:

No respiratory protection needed under normal use conditions. Provide adequate ventilation. In case of inadequate ventilation wear respiratory protection. This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type NO/P3 according to standard EN 14387) is used



### Other information:

Keep away from food, drink and animal feedingstuffs. Wash hands before breaks and immediately after using the product. Do not eat, drink or smoke during use. Avoid contact with skin and eyes.

## SECTION 9: Physical and chemical properties

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

|  |                              |
|--|------------------------------|
| Physical state                             | : Liquid                     |
| Colour                                     | : Colourless.                |
| Odour                                      | : odourless.                 |
| Odour threshold                            | : not determined             |
| pH   | : not determined             |
| Relative evaporation rate (butylacetate=1) | : No data available          |
| Melting point                              | : not determined             |
| Freezing point                             | : No data available          |
| Boiling point                              | : not determined             |
| Flash point                                | : > 93 °C                    |
| Auto-ignition temperature                  | : not determined             |
| Decomposition temperature                  | : No data available          |
| Flammability (solid, gas)                  | : No data available          |
| Vapour pressure                            | : No data available          |
| Relative vapour density at 20 °C           | : No data available          |
| Relative density                           | : not determined             |
| Solubility                                 | : Water: Completely soluble. |
| Log Pow                                    | : No data available          |
| Viscosity, kinematic                       | : not determined             |
| Viscosity, dynamic                         | : not determined             |
| Explosive properties                       | : not determined.            |
| Oxidising properties                       | : not determined.            |

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Explosive limits : No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable in use and storage conditions as recommended in item 7.

### 10.2. Chemical stability

Stable in use and storage conditions as recommended in item 7. Storage at elevated temperatures may cause pressure build-up in sealed containers. Keep out of frost.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use. Reacts with oxygen in air. Reacts with (strong) oxidizers.

### 10.4. Conditions to avoid

Protect against frost. Extremely high or low temperatures.

### 10.5. Incompatible materials

Oxygen. Strong reducing agents. Strong oxidizing agent. Organic solvents. May be corrosive to metals. Attacks many organic materials.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Combustion produces dangerous gases. carbon oxides.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

| hydrogen peroxide solution ... % (7722-84-1) |                    |
|--|--------------------|
| LD50 oral rat                                | 693,7 - 1270 mg/kg |
| LD50 dermal rabbit                           | 2000 mg/kg         |

Skin corrosion/irritation : May cause slight irritation to the skin  
pH: not determined

Serious eye damage/irritation : May cause minor eye irritation  
pH: not determined

Respiratory or skin sensitisation : Not classified

Additional information : Based on available data, the classification criteria are not met

Germ cell mutagenicity : Not classified  
Based on available data, the classification criteria are not met

Carcinogenicity : Not classified

Additional information : Based on available data, the classification criteria are not met

Reproductive toxicity : Not classified

Additional information : Based on available data, the classification criteria are not met

STOT-single exposure : Not classified

Additional information : Based on available data, the classification criteria are not met

STOT-repeated exposure : Not classified

Additional information : Based on available data, the classification criteria are not met

Aspiration hazard : Not classified

Additional information : Based on available data, the classification criteria are not met

Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

## SECTION 12: Ecological information

### 12.1. Toxicity

| hydrogen peroxide solution ... % (7722-84-1) |           |
|--|-----------|
| LC50 fishes                                  | 16,4 mg/l |

### 12.2. Persistence and degradability

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|-------------------------------|----------------------------|
| Persistence and degradability | Potentially biodegradable. |

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### 12.3. Bioaccumulative potential

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|                           |                           |
|---------------------------|---------------------------|
| Bioaccumulative potential | Bioaccumulation unlikely. |
|---------------------------|---------------------------|

### 12.4. Mobility in soil

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|                |  |
|----------------|--|
| Ecology - soil | Do not allow to enter undiluted resp. in large quantities into surface water or into drains. |
|----------------|--|

### 12.5. Results of PBT and vPvB assessment

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

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

### 12.6. Other adverse effects

Additional information : Avoid release to the environment

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.  
 Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.  
 Additional information : After use, container has to be completely emptied and closed.  
 Ecology - waste materials : Avoid release to the environment.  
 European List of Waste (LoW) code : 06 10 02\* - wastes containing dangerous substances

## SECTION 14: Transport information

In accordance with ADR / IATA / IMDG / RID

| ADR                                     | IMDG           | IATA           | RID            |
|---|----------------|----------------|----------------|
| <b>14.1. UN number</b>                  |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable |
| <b>14.2. UN proper shipping name</b>    |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable |
| Not applicable                          | Not applicable | Not applicable | Not applicable |
| <b>14.3. Transport hazard class(es)</b> |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable |
| Not applicable                          | Not applicable | Not applicable | Not applicable |
| <b>14.4. Packing group</b>              |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable |
| <b>14.5. Environmental hazards</b>      |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable |
| No supplementary information available  |                |                |                |

### 14.6. Special precautions for user

#### - Overland transport

Not applicable

#### - Transport by sea

Not applicable

#### - Air transport

Not applicable

#### - Rail transport

Not applicable

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

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|  |                                  |
|--|----------------------------------|
| 3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008   | hydrogen peroxide solution ... % |
| 3(a) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F          | hydrogen peroxide solution ... % |
| 3(b) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10 | hydrogen peroxide solution ... % |
| 3(c) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1   | hydrogen peroxide solution ... % |

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out

## SECTION 16: Other information

Indication of changes:

Revised safety data sheet in accordance with commission regulation (EU) No 2015/830.

Abbreviations and acronyms:

|       |   |
|-------|---|
| ADR   | European Agreement concerning the International Carriage of Dangerous Goods by Road               |
| CLP   | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008                       |
| DNEL  | Derived-No Effect Level   |
| IATA  | International Air Transport Association   |
| IMDG  | International Maritime Dangerous Goods  |
| LC50  | Median lethal concentration   |
| LD50  | Median lethal dose  |
| PNEC  | Predicted No-Effect Concentration   |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 |
| RID   | Regulations concerning the International Carriage of Dangerous Goods by Rail                      |

Data sources

: ECHA (European Chemicals Agency).

Other information

: **DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable. None.

Full text of H- and EUH-statements:

|                           |  |
|---------------------------|--|
| Acute Tox. 4 (Inhalation) | Acute toxicity (inhal.), Category 4  |
| Acute Tox. 4 (Oral)       | Acute toxicity (oral), Category 4  |
| Aquatic Chronic 3         | Hazardous to the aquatic environment — Chronic Hazard, Category 3                          |
| Eye Dam. 1                | Serious eye damage/eye irritation, Category 1  |
| Ox. Liq. 1                | Oxidising Liquids, Category 1  |
| Skin Corr. 1A             | Skin corrosion/irritation, Category 1A   |
| STOT SE 3                 | Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation |
| H271                      | May cause fire or explosion; strong oxidiser   |
| H302                      | Harmful if swallowed   |
| H314                      | Causes severe skin burns and eye damage  |
| H318                      | Causes serious eye damage  |
| H332                      | Harmful if inhaled   |
| H335                      | May cause respiratory irritation   |
| H412                      | Harmful to aquatic life with long lasting effects  |
| PC12                      | Fertilizers  |

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|      |  |
|------|--|
| SU21 | Consumer uses: Private households (= general public = consumers)                                 |
| SU22 | Professional uses: Public domain (administration, education, entertainment, services, craftsmen) |

SDS EU (REACH Annex II)

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