

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : PURITI LOW TEMP DESTAINER  
Product code : 474  
Type of product : Detergent  
Product group : Mixture

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

##### Relevant identified uses

Main use category : Industrial use, Professional use  
Industrial/Professional use spec : Industrial  
For professional use only  
Use of the substance/mixture : Cleaning/washing agents and additives  
Oxygen-based bleaching agents

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

##### Manufacturer

Christeyns Professional Hygiene UK Ltd  
Clover House  
Macclesfield Road  
SK23 7DQ Whaley Bridge, Derbyshire  
United Kingdom  
T 01663 733114, F 01663 733115  
[info.cph.uk@christeyns.com](mailto:info.cph.uk@christeyns.com), [www.christeyns-ph.co.uk](http://www.christeyns-ph.co.uk)

##### Supplier

Christeyns NV  
Afrikalaan 182  
9000 GENT  
Belgium  
T +32 (0)9/ 223 38 71, F +32 (0)9/ 233 03 44  
[info@christeyns.be](mailto:info@christeyns.be), [www.christeyns.com](http://www.christeyns.com)

#### 1.4. Emergency telephone number

| Country/Area   | Organisation/Company                                                         | Address                                  | Emergency number                                                                                       | Comment                              |
|----------------|------------------------------------------------------------------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------|
| Ireland        | National Poisons Information Centre<br>Beaumont Hospital                     | PO Box 1297<br>Beaumont Road<br>9 Dublin | +353 1 809 2566<br>(Healthcare professionals-<br>24/7)<br>+353 1 809 2166 (public,<br>8am - 10pm, 7/7) |                                      |
| United Kingdom | National Poisons Information Service<br>(Birmingham Centre)<br>City Hospital | Dudley Road<br>B18 7QH                   | 0344 892 0111                                                                                          | Only for healthcare<br>professionals |

### SECTION 2: Hazards identification

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

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

Serious eye damage/eye irritation, Category 1 H318

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

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

No additional information available

#### 2.2. Label elements

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

Hazard pictograms (CLP) :



GHS05

Signal word (CLP)

: Danger

Contains

: 6-(phthalimido)peroxyhexanoic acid

Hazard statements (CLP)

: H318 - Causes serious eye damage.

Precautionary statements (CLP)

: P102 - Keep out of reach of children.  
P280 - Wear protective gloves, eye protection.  
P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a  
POISON CENTER or doctor.

# PURITI LOW TEMP DESTAINER

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### 2.3. Other hazards

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

| Name                                                                                                                                                                                        | Product identifier                                                                                 | %       | Classification according to Regulation (EC) No. 1272/2008 [CLP]                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|---------|---------------------------------------------------------------------------------------------------|
| 6-(phthalimido)peroxyhexanoic acid substance with a Community workplace exposure limit                                                                                                      | CAS-no: 128275-31-0<br>EC-No.: 410-850-8<br>EC Index-No.: 617-019-00-0                             | 10 – 30 | Org. Perox. D, H242<br>Eye Dam. 1, H318<br>Aquatic Acute 1, H400 (M=1)<br>Aquatic Chronic 3, H412 |
| ETIDRONIC ACID                                                                                                                                                                              | CAS-no: 2809-21-4<br>EC-No.: 220-552-8<br>REACH-no: 01-2119510391-53                               | 1 – 3   | Met. Corr. 1, H290<br>Acute Tox. 4 (Oral), H302 (ATE=1878 mg/kg bodyweight)<br>Eye Dam. 1, H318   |
| sodium hydroxide; caustic soda substance with national workplace exposure limit(s) (AT, BE, BG, CZ, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, LT, LV, PL, PT, RO, SE, SK, IS, NO, MK, CH, TR) | CAS-no: 1310-73-2<br>EC-No.: 215-185-5<br>EC Index-No.: 011-002-00-6<br>REACH-no: 01-2119457892-27 | 0.1 – 1 | Met. Corr. 1, H290<br>Skin Corr. 1A, H314<br>Eye Dam. 1, H318                                     |

| Specific concentration limits: |                                                                                                    |                                                                                                                                                                        |
|--------------------------------|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name                           | Product identifier                                                                                 | Specific concentration limits (%)                                                                                                                                      |
| sodium hydroxide; caustic soda | CAS-no: 1310-73-2<br>EC-No.: 215-185-5<br>EC Index-No.: 011-002-00-6<br>REACH-no: 01-2119457892-27 | (0.5 $\leq$ C < 2) Eye Irrit. 2; H319<br>(0.5 $\leq$ C < 2) Skin Irrit. 2; H315<br>(2 $\leq$ C < 5) Skin Corr. 1B; H314<br>(5 $\leq$ C $\leq$ 100) Skin Corr. 1A; H314 |

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                |                                                                                                                                                                 |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General advice | : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).                               |
| Inhalation     | : Allow affected person to breathe fresh air. Allow the victim to rest.                                                                                         |
| Skin contact   | : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.                                               |
| Eye contact    | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. |
| Ingestion      | : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.                                                                                      |

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

|                          |                                                                                                                |
|--------------------------|----------------------------------------------------------------------------------------------------------------|
| Acute effects inhalation | : May cause shortness of breath, tightness of the chest, a sore throat and cough.                              |
| Acute effects skin       | : mild skin irritation. Red skin.                                                                              |
| Acute effects eyes       | : Causes serious eye damage. redness, itching, tears.                                                          |
| Acute effects oral route | : Burns or irritation of the linings of the mouth, throat, and gastrointestinal tract. Abdominal pain, nausea. |

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

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|                              |                                                                    |
|------------------------------|--------------------------------------------------------------------|
| Suitable extinguishing media | : Use extinguishing media appropriate for surrounding fire. Water. |
|------------------------------|--------------------------------------------------------------------|

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

|                                                  |                                                                 |
|--------------------------------------------------|-----------------------------------------------------------------|
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. Carbon dioxide. Carbon monoxide. |
|--------------------------------------------------|-----------------------------------------------------------------|

# PURITI LOW TEMP DESTAINER

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### 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.

## SECTION 6: Accidental release measures

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

#### For non-emergency personnel

- Emergency procedures : Evacuate unnecessary personnel.

#### For emergency responders

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

### 6.2. Environmental precautions

Avoid release to the environment.

### 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.

### 6.4. Reference to other sections

See Section 8. Exposure controls and personal protection.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.
- Hygiene measures : Wash hands, forearms and face thoroughly after handling.

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

- Storage conditions : Keep only in original container. Store in a cool, well-ventilated place. Protect from heat and direct sunlight. Keep container tightly closed.
- Incompatible products : Strong bases. Strong acids.
- Incompatible materials : Sources of ignition. Direct sunlight.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### National occupational exposure and biological limit values

| sodium hydroxide; caustic soda (1310-73-2)         |                                                             |
|----------------------------------------------------|-------------------------------------------------------------|
| Ireland - Occupational Exposure Limits             |                                                             |
| Local name                                         | Sodium hydroxide                                            |
| OEL STEL                                           | 2 mg/m <sup>3</sup>                                         |
| Remark                                             | Advisory OELV (Advisory Occupational Exposure Limit Values) |
| Regulatory reference                               | Chemical Agents Code of Practice 2024                       |
| United Kingdom - Occupational Exposure Limits      |                                                             |
| Local name                                         | Sodium hydroxide                                            |
| WEL STEL (OEL STEL)                                | 2 mg/m <sup>3</sup>                                         |
| Regulatory reference                               | EH40/2005 (Fourth edition, 2020). HSE                       |
| 6-(phthalimido)peroxyhexanoic acid (128275-31-0)   |                                                             |
| EU - Indicative Occupational Exposure Limit (IOEL) |                                                             |
| IOEL TWA                                           | 3 mg/m <sup>3</sup>                                         |

### 8.2. Exposure controls

#### Appropriate engineering controls

#### Appropriate engineering controls:

Ensure that there is a suitable ventilation system.

# PURITI LOW TEMP DESTAINER

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### Personal protection equipment

#### Personal protective equipment:

Avoid all unnecessary exposure.

#### Personal protective equipment symbol(s):



### Eye and face protection

#### Eye protection:

Chemical goggles or safety glasses

### Skin protection

#### Protective equipment:

Wear suitable protective clothing

### Hand protection:

Wear protective gloves.

### Respiratory protection

#### Respiratory protection:

Self contained breathing apparatus, in case of emergency

### Environmental exposure controls

#### Other information:

Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

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

|                                                 |                                                                                                  |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Physical state                                  | : Liquid                                                                                         |
| Colour                                          | : White.                                                                                         |
| Physical state/form                             | : Liquid.                                                                                        |
| Odour                                           | : Characteristic.                                                                                |
| Odour threshold                                 | : Not available                                                                                  |
| Melting point/range                             | : 75 °C                                                                                          |
| Freezing point                                  | : Not determined as it is not relevant for the characterization of the product                   |
| Boiling point/Boiling range                     | : Not available                                                                                  |
| Flammability                                    | : Not determined as it is not relevant for the characterization of the product<br>Non flammable. |
| Lower explosion limit                           | : Constituents do not contain chemical groups associated with explosivity                        |
| Upper explosion limit                           | : Constituents do not contain chemical groups associated with explosivity                        |
| Flash point                                     | : Not determined as it is not relevant for the characterization of the product                   |
| Autoignition temperature                        | : 470 °C                                                                                         |
| Decomposition temperature                       | : > 80 °C                                                                                        |
| pH                                              | : 2.8 – 3.8                                                                                      |
| Viscosity, kinematic                            | : Not available                                                                                  |
| Viscosity, dynamic                              | : 700 cP at 20 °C                                                                                |
| Solubility                                      | : Soluble in water.                                                                              |
| Partition coefficient n-octanol/water (Log Kow) | : Not available                                                                                  |
| Log Pow                                         | : 2.2                                                                                            |
| Vapour pressure                                 | : Not available                                                                                  |
| Vapour pressure at 50°C                         | : Not available                                                                                  |
| Density                                         | : Not available                                                                                  |
| Relative density                                | : 1 – 1.1 g/cm³                                                                                  |
| Relative vapour density at 20°C                 | : Not available                                                                                  |
| Particle characteristics                        | : Not applicable                                                                                 |

# PURITI LOW TEMP DESTAINER

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong acids. Strong reducing agents.

### 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

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

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

#### 6-(phthalimido)peroxyhexanoic acid (128275-31-0)

|                 |                                                                                                                   |
|-----------------|-------------------------------------------------------------------------------------------------------------------|
| LD50 oral rat   | 2550.4 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 2421,1 - 2686,6 |
| LD50 dermal rat | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)                        |

#### ETIDRONIC ACID (2809-21-4)

|                    |                                                                                               |
|--------------------|-----------------------------------------------------------------------------------------------|
| LD50 oral rat      | 1878 mg/kg                                                                                    |
| LD50 dermal rabbit | > 5000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |

Skin corrosion/irritation : Not classified  
pH: 2.8 – 3.8

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

#### 6-(phthalimido)peroxyhexanoic acid (128275-31-0)

|    |      |
|----|------|
| pH | 3.72 |
|----|------|

Serious eye damage/irritation : Causes serious eye damage.  
pH: 2.8 – 3.8

#### 6-(phthalimido)peroxyhexanoic acid (128275-31-0)

|    |      |
|----|------|
| pH | 3.72 |
|----|------|

Respiratory or skin sensitisation : Not classified

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

Germ cell mutagenicity : Not classified

Additional information : 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

#### ETIDRONIC ACID (2809-21-4)

|                                               |                                                                                                                                             |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| NOAEL (chronic, oral, animal/male, 2 years)   | ≥ 384 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)   |
| NOAEL (chronic, oral, animal/female, 2 years) | ≥ 493 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies) |

Reproductive toxicity : Not classified

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

# PURITI LOW TEMP DESTAINER

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| 6-(phthalimido)peroxyhexanoic acid (128275-31-0) |                                                                                                                               |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| NOAEL (animal/male, F0/P)                        | 30 mg/kg bodyweight OECD 416                                                                                                  |
| NOAEL (animal/male, F1)                          | 30 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 416 (Two-Generation Reproduction Toxicity Study) |

| ETIDRONIC ACID (2809-21-4) |                                                                                                                                                          |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| NOAEL (animal/male, F1)    | ≈ 294 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 415 [One-Generation Reproduction Toxicity Study (before 9 October 2017)] |

|                        |                                                                    |
|------------------------|--------------------------------------------------------------------|
| 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 |

| 6-(phthalimido)peroxyhexanoic acid (128275-31-0) |                                                                                                                       |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| LOAEL (oral, rat, 90 days)                       | 300 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity Study in Rodents) |
| NOAEL (oral, rat, 90 days)                       | 100 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) |

| ETIDRONIC ACID (2809-21-4) |                                                                                                                                         |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| LOAEL (oral, rat, 90 days) | 169 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) |
| NOAEL (oral, rat, 90 days) | 41 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)  |

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

### 11.2. Information on other hazards

#### Other information

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

## SECTION 12: Ecological information

### 12.1. Toxicity

|                                                           |                  |
|-----------------------------------------------------------|------------------|
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified |

| sodium hydroxide; caustic soda (1310-73-2) |                          |
|--------------------------------------------|--------------------------|
| LC50 - Fish [1]                            | > 35 mg/l                |
| EC50 - Crustacea [1]                       | 40.4 mg/l (Ceriodaphnia) |
| EC50 - Other aquatic organisms [1]         | > 33 mg/l waterflea      |

| 6-(phthalimido)peroxyhexanoic acid (128275-31-0) |                                                                                                                                            |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| LC50 - Fish [1]                                  | 0.4 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)                                                          |
| LC50 - Fish [2]                                  | 0.59 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)                                                         |
| EC50 - Crustacea [1]                             | 17.6 mg/l Test organisms (species): Daphnia magna                                                                                          |
| EC50 - Crustacea [2]                             | > 500 mg/l Test organisms (species): Daphnia magna                                                                                         |
| EC50 72h - Algae [1]                             | 1.33 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)  |
| EC50 72h - Algae [2]                             | 3.15 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)  |
| EC50 96h - Algae [1]                             | > 256 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) |
| EC50 96h - Algae [2]                             | 79 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)    |
| ErC50 algae                                      | 3.15 mg/l Pseudokirchneriella subcapitata                                                                                                  |

# PURITI LOW TEMP DESTAINER

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| ETIDRONIC ACID (2809-21-4)         |                                                                                         |
|------------------------------------|-----------------------------------------------------------------------------------------|
| LC50 - Fish [1]                    | 195 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) |
| EC50 - Crustacea [1]               | 527 mg/l Test organisms (species): Daphnia magna                                        |
| EC50 - Other aquatic organisms [1] | 1770 mg/l Test organisms (species): Palaemonetes pugio                                  |
| NOEC (chronic)                     | 6.75 mg/l Test organisms (species): Daphnia magna Duration: '28 d'                      |

### 12.2. Persistence and degradability

| PURITI LOW TEMP DESTAINER                  |                                                                                          |
|--------------------------------------------|------------------------------------------------------------------------------------------|
| Persistence and degradability              | Biodegradable.                                                                           |
| sodium hydroxide; caustic soda (1310-73-2) |                                                                                          |
| Persistence and degradability              | The methods for determining biodegradability are not applicable to inorganic substances. |

### 6-(phthalimido)peroxyhexanoic acid (128275-31-0)

|                |                   |
|----------------|-------------------|
| Biodegradation | 69.9 % OECD 301 B |
|----------------|-------------------|

| ETIDRONIC ACID (2809-21-4)    |                    |
|-------------------------------|--------------------|
| Persistence and degradability | Rapidly degradable |

### 12.3. Bioaccumulative potential

| PURITI LOW TEMP DESTAINER                  |                     |
|--------------------------------------------|---------------------|
| Log Pow                                    | 2.2                 |
| Bioaccumulative potential                  | No bioaccumulation. |
| sodium hydroxide; caustic soda (1310-73-2) |                     |
| Log Pow                                    | -3.88               |
| Bioaccumulative potential                  | No bioaccumulation. |

| ETIDRONIC ACID (2809-21-4) |      |
|----------------------------|------|
| Log Pow                    | -3.5 |

### 12.4. Mobility in soil

| 6-(phthalimido)peroxyhexanoic acid (128275-31-0)           |       |
|------------------------------------------------------------|-------|
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 1.916 |

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

| PURITI LOW TEMP DESTAINER |                                   |
|---------------------------|-----------------------------------|
| Other information         | Avoid release to the environment. |

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

|                                            |                                                                                                                                 |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Product/Packaging disposal recommendations | : Dispose in a safe manner in accordance with local/national regulations.                                                       |
| Waste / unused products                    | : Avoid release to the environment.                                                                                             |
| HP Code                                    | : HP4 - "Irritant – skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye. |

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

| ADR                          | IMDG | IATA |
|------------------------------|------|------|
| 14.1. UN number or ID number |      |      |
| Not regulated for transport  |      |      |

# PURITI LOW TEMP DESTAINER

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| ADR                                    | IMDG          | IATA          |
|----------------------------------------|---------------|---------------|
| 14.2. UN proper shipping name          |               |               |
| Not regulated                          | Not regulated | Not regulated |
| 14.3. Transport hazard class(es)       |               |               |
| Not regulated                          | Not regulated | Not regulated |
| 14.4. Packing group                    |               |               |
| Not regulated                          | Not regulated | Not regulated |
| 14.5. Environmental hazards            |               |               |
| Not regulated                          | Not regulated | Not regulated |
| No supplementary information available |               |               |

### 14.6. Special precautions for user

#### Overland transport

Not regulated

#### Transport by sea

Not regulated

#### Air transport

Not regulated

### 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

#### EU-Regulations

##### REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

##### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

##### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

##### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

##### Ozone Regulation (2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

##### Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

##### Detergent Regulation (EC 648/2004)

| Labelling of contents |     |
|-----------------------|-----|
| Component             | %   |
| phosphonates          | <5% |

##### Explosives Precursors Regulation (EU 2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

##### Drug Precursors Regulation (EC 273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

# PURITI LOW TEMP DESTAINER

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### SECTION 16: Other information

Data sources

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

Other information

: None.

#### Full text of H- and EUH-statements:

|                     |                                                                   |
|---------------------|-------------------------------------------------------------------|
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4                                 |
| Aquatic Acute 1     | Hazardous to the aquatic environment – Acute Hazard, Category 1   |
| Aquatic Chronic 3   | Hazardous to the aquatic environment – Chronic Hazard, Category 3 |
| Eye Dam. 1          | Serious eye damage/eye irritation, Category 1                     |
| Eye Irrit. 2        | Serious eye damage/eye irritation, Category 2                     |
| Met. Corr. 1        | Corrosive to metals, Category 1                                   |
| Org. Perox. D       | Organic Peroxides, Type D                                         |
| Skin Corr. 1A       | Skin corrosion/irritation, Category 1, Sub-Category 1A            |
| Skin Corr. 1B       | Skin corrosion/irritation, Category 1, Sub-Category 1B            |
| Skin Irrit. 2       | Skin corrosion/irritation, Category 2                             |
| H242                | Heating may cause a fire.                                         |
| H290                | May be corrosive to metals.                                       |
| 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.                                    |
| H400                | Very toxic to aquatic life.                                       |
| H412                | Harmful to aquatic life with long lasting effects.                |

#### Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

|            |      |                    |
|------------|------|--------------------|
| Eye Dam. 1 | H318 | Calculation method |
|------------|------|--------------------|

The classification complies with

: ATP 12

Safety Data Sheet (SDS), EU

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.