

# VAISSELLE PRO MACHINE VERRE

## Safety Data Sheet

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

SDS Ref.: FFF179

Date of issue: 6/12/2017 Revision date: 6/5/2019 Version: 1.0

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : VAISSELLE PRO MACHINE VERRE  
Product code : 10427  
Type of product : Bases,Detergent

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

##### 1.2.1. Relevant identified uses

Main use category : Industrial use  
Industrial/Professional use spec : For professional use only  
Use of the substance/mixture : Alkaline chlorinated machine dishwashing product  
Function or use category : Cleansing agent, Degreasant

##### 1.2.2. Uses advised against

No additional information available

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

IPC SAS  
CS 71821 -10 QUAI COMMANDANT MALBERT  
29218 BREST Cedex 2  
T 02 98 43 45 44 - F 02 98 44 22 53  
[ipc@ipc-sa.com](mailto:ipc@ipc-sa.com)

#### 1.4. Emergency telephone number

Emergency number : 01 45 42 59 59 (n° ORFILA) / + 32 70 245 245

### SECTION 2: Hazards identification

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

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

Skin corrosion/irritation, Category 1A H314  
Serious eye damage/eye irritation, Category 1 H318  
Full text of H 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  
Hazardous ingredients : Sodium hydroxide; Sodium hypochlorite, solution 12% Cl active  
Hazard statements (CLP) : H314 - Causes severe skin burns and eye damage.  
Precautionary statements (CLP) : Dispose of this material and its container to hazardous or special waste collection point.  
P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 - Immediately call a POISON CENTER or doctor/physician.  
P280 - Wear protective gloves, protective clothing, eye protection.  
P404 - Store in a closed container.  
P102 - Keep out of reach of children.  
EUH-statements : EUH031 - Contact with acids liberates toxic gas.

#### 2.3. Other hazards

No additional information available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

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### 3.2. Mixtures

| Name  | Product identifier  | %       | Classification according to Regulation (EC) No. 1272/2008 [CLP]                       |
|---|---|---------|---|
| Sodium hydroxide                              | (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 | 5 - 15  | Met. Corr. 1, H290<br>Skin Corr. 1A, H314<br>Eye Dam. 1, H318                         |
| Sodium hypochlorite, solution 12% Cl active   | (CAS-No.) 7681-52-9<br>(EC-No.) 231-668-3<br>(EC Index-No.) 017-011-00-1<br>(REACH-no) 01-211948815434  | 5 - 15  | Met. Corr. 1, H290<br>Skin Corr. 1B, H314<br>STOT SE 3, H335<br>Aquatic Acute 1, H400 |
| 2-phosphonobutane-1,2,4-acide tricarboxylique | (CAS-No.) 37971-36-1<br>(EC-No.) 253-733-5<br>(REACH-no) 01-2119436643-39                               | 0.1 - 2 | Skin Corr. 1A, H314<br>Eye Dam. 1, H318   |

### Specific concentration limits:

| Name  | Product identifier  | Specific concentration limits  |
|---|---|--|
| Sodium hydroxide                            | (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 =<C < 2) Skin Irrit. 2, H315<br>( 0.5 =<C < 2) Eye Irrit. 2, H319<br>( 2 =<C < 5) Skin Corr. 1B, H314<br>( C >= 5) Skin Corr. 1A, H314 |
| Sodium hypochlorite, solution 12% Cl active | (CAS-No.) 7681-52-9<br>(EC-No.) 231-668-3<br>(EC Index-No.) 017-011-00-1<br>(REACH-no) 01-211948815434  | ( C >= 5) EUH031   |

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures general            | : If you feel unwell, seek medical advice (show the label where possible).   |
| First-aid measures after inhalation   | : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.                                 |
| First-aid measures after skin contact | : Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER or doctor/physician.                                 |
| First-aid measures after 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 or doctor/physician. |
| First-aid measures after ingestion    | : Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.   |

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

|                                     |  |
|-------------------------------------|--|
| Symptoms/effects                    | : Causes severe skin burns and eye damage. |
| Symptoms/effects after skin contact | : Burns.                                   |
| Symptoms/effects after eye contact  | : Causes serious eye damage.               |

### 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   | : Foam. Dry powder. Carbon dioxide. Water spray. Sand. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.                     |

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

No additional information available

### 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

#### 6.1.1. For non-emergency personnel

|                      |                                   |
|----------------------|-----------------------------------|
| Emergency procedures | : Evacuate unnecessary personnel. |
|----------------------|-----------------------------------|

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### 6.1.2. For emergency responders

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

### 6.2. Environmental precautions

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.

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Obtain special instructions before use. Provide good ventilation in process area to prevent formation of vapour. Avoid contact during pregnancy/while nursing.

Hygiene measures : 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

Technical measures : Comply with applicable regulations.

Storage conditions : Store in original container. Keep container closed when not in use.

Incompatible products : Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight.

Storage area : Store in a well-ventilated place.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Sodium hydroxide (1310-73-2)

|        |                          |                       |
|--------|--------------------------|-----------------------|
| France | Local name               | Sodium (hydroxyde de) |
| France | VME (mg/m <sup>3</sup> ) | 2 mg/m <sup>3</sup>   |

### 8.2. Exposure controls

#### Personal protective equipment:

Avoid all unnecessary exposure.

#### Hand protection:

Wear suitable gloves. Protective gloves. Protective gloves made of latex. Protective gloves made of PVC. Nitrile rubber gloves

#### Eye protection:

Ocular shower with suitable liquid. Chemical goggles or safety glasses. Avoid contact with eyes. Failing water point near

#### Skin and body protection:

Wear suitable protective clothing. Avoid contact with the skin and the eyes. Immediately remove contaminated or damp clothing

#### Respiratory protection:

Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

#### 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  
Appearance : Liquid.  
Colour : Colourless to light yellow.  
Odour : Weak. Chlorine.  
Odour threshold : No data available  
pH : > 13  
Relative evaporation rate (butylacetate=1) : No data available  
Melting point : No data available

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|                                  |                     |
|----------------------------------|---------------------|
| Freezing point                   | : No data available |
| Boiling point                    | : No data available |
| Flash point                      | : No data available |
| Auto-ignition temperature        | : No data available |
| Decomposition temperature        | : No data available |
| Flammability (solid, gas)        | : Non flammable.    |
| Vapour pressure                  | : No data available |
| Relative vapour density at 20 °C | : No data available |
| Relative density                 | : 1.14 +/-0.01      |
| Solubility                       | : Soluble in water. |
| Log Pow                          | : No data available |
| Viscosity, kinematic             | : No data available |
| Viscosity, dynamic               | : No data available |
| Explosive properties             | : No data available |
| Oxidising properties             | : No data available |
| Explosive limits                 | : No data available |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Basic product.

### 10.2. Chemical stability

Stable under normal conditions of storage, handling and use.

### 10.3. Possibility of hazardous reactions

Contact with acids liberates toxic gas.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong acids.

### 10.6. Hazardous decomposition products

Corrosive vapours.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                             |                  |
|-----------------------------|------------------|
| Acute toxicity (oral)       | : Not classified |
| Acute toxicity (dermal)     | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

#### 2-phosphonobutane-1,2,4-acide tricarboxylique (37971-36-1)

|                    |              |
|--------------------|--------------|
| LD50 oral rat      | > 2000 mg/kg |
| LD50 dermal rabbit | > 2000 mg/kg |

#### Sodium hypochlorite, solution 12% Cl active (7681-52-9)

|                    |              |
|--------------------|--------------|
| LD50 oral rat      | > 2000 mg/kg |
| LD50 dermal rabbit | > 2000 mg/kg |

|                                   |  |
|-----------------------------------|--|
| Skin corrosion/irritation         | : Causes severe skin burns and eye damage.<br>pH: > 13             |
| Serious eye damage/irritation     | : Causes serious eye damage.<br>pH: > 13                           |
| 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 |
| Reproductive toxicity             | : Not classified   |
| Additional information            | : Based on available data, the classification criteria are not met |

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

|                          |                  |
|--------------------------|------------------|
| Acute aquatic toxicity   | : Not classified |
| Chronic aquatic toxicity | : Not classified |

### 2-phosphonobutane-1,2,4-acide tricarboxylique (37971-36-1)

|                |           |
|----------------|-----------|
| LC50 fish 1    | 3440 mg/l |
| EC50 Daphnia 1 | 265 mg/l  |

### Sodium hypochlorite, solution 12% Cl active (7681-52-9)

|                |                 |
|----------------|-----------------|
| LC50 fish 1    | 0.01 - 0.1 mg/l |
| EC50 Daphnia 1 | 0.01 - 0.1 mg/l |

### 12.2. Persistence and degradability

#### LAVE VERRES

|                               |  |
|-------------------------------|--|
| Persistence and degradability | The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. |
|-------------------------------|--|

### 12.3. Bioaccumulative potential

#### LAVE VERRES

|                           |                  |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |
|---------------------------|------------------|

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

|                        |                                    |
|------------------------|------------------------------------|
| Additional information | : Avoid release to the environment |
|------------------------|------------------------------------|

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information






In accordance with ADR / RID / IMDG / IATA / ADN

| ADR  | IMDG                                       | IATA                                       | ADN  | RID  |
|--|--|--|--|--|
| <b>14.1. UN number</b>                     |  |  |  |  |
| 3266                                       | 3266                                       | 3266                                       | 3266                                       | 3266                                       |
| <b>14.2. UN proper shipping name</b>       |  |  |  |  |
| CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. | CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. | Corrosive liquid, basic, inorganic, n.o.s. | CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. | CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. |

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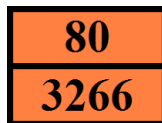
| Transport document description  |   |   |   |   |
|---|---|---|---|---|
| UN 3266 CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Sodium hydroxide(1310-73-2)), 8, III, (E) | UN 3266 CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., 8, III                        | UN 3266 Corrosive liquid, basic, inorganic, n.o.s., 8, III                        | UN 3266 CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., 8, III                          | UN 3266 CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., 8, III                          |
| 14.3. Transport hazard class(es)  |   |   |   |   |
| 8   | 8   | 8   | 8   | 8   |
|              |  |  |  |  |
| 14.4. Packing group   |   |   |   |   |
| III   | III   | III   | III   | III   |
| 14.5. Environmental hazards   |   |   |   |   |
| Dangerous for the environment : No  | Dangerous for the environment : No<br>Marine pollutant : No                       | Dangerous for the environment : No  | Dangerous for the environment : No  | Dangerous for the environment : No  |
| No supplementary information available  |   |   |   |   |

### 14.6. Special precautions for user

Special transport precautions : Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport

#### Overland transport

Classification code (ADR) : C5  
 Special provisions (ADR) : 274  
 Limited quantities (ADR) : 5I  
 Excepted quantities (ADR) : E1  
 Packing instructions (ADR) : P001, IBC03, LP01, R001  
 Mixed packing provisions (ADR) : MP19  
 Portable tank and bulk container instructions (ADR) : T7  
 Portable tank and bulk container special provisions (ADR) : TP1, TP28  
 Tank code (ADR) : L4BN  
 Vehicle for tank carriage : AT  
 Transport category (ADR) : 3  
 Special provisions for carriage - Packages (ADR) : V12  
 Hazard identification number (Kemler No.) : 80  
 Orange plates :



Tunnel restriction code (ADR) : E

#### Transport by sea

Special provisions (IMDG) : 223, 274  
 Limited quantities (IMDG) : 5 L  
 Excepted quantities (IMDG) : E1  
 Packing instructions (IMDG) : P001, LP01  
 IBC packing instructions (IMDG) : IBC03  
 Tank instructions (IMDG) : T7  
 Tank special provisions (IMDG) : TP1, TP28  
 EmS-No. (Fire) : F-A  
 EmS-No. (Spillage) : S-B  
 Stowage category (IMDG) : A  
 Stowage and handling (IMDG) : SW2  
 Segregation (IMDG) : SG35

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Properties and observations (IMDG) : Reacts violently with acids. Causes burns to skin, eyes and mucous membranes.

### Air transport

PCA Excepted quantities (IATA) : E1  
PCA Limited quantities (IATA) : Y841  
PCA limited quantity max net quantity (IATA) : 1L  
PCA packing instructions (IATA) : 852  
PCA max net quantity (IATA) : 5L  
CAO packing instructions (IATA) : 856  
CAO max net quantity (IATA) : 60L  
Special provisions (IATA) : A3  
ERG code (IATA) : 8L

### Inland waterway transport

Classification code (ADN) : C5  
Special provisions (ADN) : 274  
Limited quantities (ADN) : 5 L  
Excepted quantities (ADN) : E1  
Carriage permitted (ADN) : T  
Equipment required (ADN) : PP, EP  
Number of blue cones/lights (ADN) : 0

### Rail transport

Classification code (RID) : C5  
Special provisions (RID) : 274  
Limited quantities (RID) : 5L  
Excepted quantities (RID) : E1  
Packing instructions (RID) : P001, IBC03, LP01, R001  
Mixed packing provisions (RID) : MP19  
Portable tank and bulk container instructions (RID) : T7  
Portable tank and bulk container special provisions (RID) : TP1, TP28  
Tank codes for RID tanks (RID) : L4BN  
Transport category (RID) : 3  
Special provisions for carriage – Packages (RID) : W12  
Colis express (express parcels) (RID) : CE8  
Hazard identification number (RID) : 80

### 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

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Detergent Regulation : Ingredient data sheet:

| Component                         | CAS-No.    | %       |
|-----------------------------------|------------|---------|
| SODIUM HYDROXIDE                  | 1310-73-2  | >=10%   |
| SODIUM HYPOCHLORITE               | 7681-52-9  | >=10%   |
| PHOSPHONOBUTANETRICARBOXYLIC ACID | 37971-36-1 | 1 - 10% |

Detergent Regulation : Labelling of contents:

| Component                       | %     |
|---------------------------------|-------|
| chlorine-based bleaching agents | 5-15% |
| phosphonates                    | <5%   |

#### 15.1.2. National regulations

No additional information available

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### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### 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: |  |
|-------------------------------------|--|
| Aquatic Acute 1                     | Hazardous to the aquatic environment — Acute Hazard, Category 1                            |
| Eye Dam. 1                          | Serious eye damage/eye irritation, Category 1  |
| Met. Corr. 1                        | Corrosive to metals, Category 1  |
| Skin Corr. 1A                       | Skin corrosion/irritation, Category 1A   |
| Skin Corr. 1B                       | Skin corrosion/irritation, Category 1B   |
| STOT SE 3                           | Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation |
| H290                                | May be corrosive to metals   |
| H314                                | Causes severe skin burns and eye damage  |
| H318                                | Causes serious eye damage  |
| H335                                | May cause respiratory irritation   |
| H400                                | Very toxic to aquatic life   |
| EUH031                              | Contact with acids liberates toxic gas   |

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*