

**PROCIDE PREMIUM PAE**

**SAFETY DATA SHEET**

(REACH regulation (EC) n° 1907/2006 - n° 2020/878)

**SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1. Product identifier**

Product name : PROCIDE PREMIUM PAE  
Product code : 10562-10563

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

For professional use only

PT 2 biocide

Disinfectant detergent for surfaces that do not come into contact with foodstuffs

PT 4 biocide

Disinfectant cleaner for surfaces in contact with food

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

IPC

10 Quai Malbert, 29200, BREST, FRANCE.

Tel. : +33 (0)2 98 43 45 44. Fax : +33 (0)2 98 44 22 53

ipc@groupe-ipc.com

**1.4. Emergency telephone number : +33 (0)1 45 42 59 59.**

Association/Organisation : France - INRS / ORFILA <http://www.centres-antipoison.net> .

**Other emergency numbers**

Belgium : National Poisons Control Center : +32 70 245 245

**SECTION 2 : HAZARDS IDENTIFICATION**

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

**In compliance with EC regulation No. 1272/2008 and its amendments.**

Flammable liquid, Category 2 (Flam. Liq. 2, H225).

Eye irritation, Category 2 (Eye Irrit. 2, H319).

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

**2.2. Label elements**

Biocidal detergent mixture (see section 15).

Mixture for spray application.

**In compliance with EC regulation No. 1272/2008 and its amendments.**

Hazard pictograms :



GHS02



GHS07

Signal Word :

DANGER

Hazard statements :

H225

Highly flammable liquid and vapour.

H319

Causes serious eye irritation.

Precautionary statements - Prevention :

P210

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P264

Wash ... thoroughly after handling.

P280

Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/ ...

Precautionary statements - Response :

P305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313

If eye irritation persists: Get medical advice/attention.

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Precautionary statements - Storage :

P403 + P235 Store in a well-ventilated place. Keep cool.

Precautionary statements - Disposal :

P501 Dispose of contents/container according to local regulation

**2.3. Other hazards**

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC)  $\geq$  0.1% published by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

The mixture does not contains substances  $\geq$  0.1% with endocrine disrupting properties in accordance with the criteria of the Delegated Regulation (EU) 2017/2100 of the Commission or Regulation (EU) 2018/605 of the Commission.

**SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS**

**3.2. Mixtures**

**Composition :**

| Identification   | (EC) 1272/2008  | Note | %                   |
|--|---|------|---------------------|
| CAS: 64-17-5<br>EC: 200-578-6<br>REACH: 01-2119457610-43-xxxx<br>ETHANOL | GHS07, GHS02<br>Dgr<br>Flam. Liq. 2, H225<br>Eye Irrit. 2, H319 | [1]  | 50 $\leq$ x % < 100 |

**Specific concentration limits:**

| Identification   | Specific concentration limits | ATE  |
|--|-------------------------------|--|
| CAS: 64-17-5<br>EC: 200-578-6<br>REACH: 01-2119457610-43-xxxx<br>ETHANOL |                               | inhalation: ATE = 51 mg/1 4h (vapours)<br>oral: ATE = 10460 mg/kg BW |

**Nanoform**

This mixture does not contain nanoparticles

**Information on ingredients :**

(Full text of H-phrases: see section 16)

[1] Substance for which maximum workplace exposure limits are available.

**SECTION 4 : FIRST AID MEASURES**

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

**4.1. description of first aid measures**

**In the event of exposure by inhalation :**

Carry the victim to fresh air. Seek for medical advice (show the label or MSDS)

**In the event of splashes or contact with eyes :**

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.

If there is any redness, pain or visual impairment, consult an ophthalmologist.

**In the event of splashes or contact with skin :**

wash with water

**In the event of swallowing :**

Keep the person exposed at rest. Do not force vomiting.

Seek medical attention, showing the label.

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

Liquid and vapors can irritate the eyes. Prolonged and repeated contact with skin can induce irritation. Swallowing can induce central nervous system depression, nausea and vomiting. Inhalation can induce respiratory system irritation and headache.

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

No data available.

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**SECTION 5 : FIREFIGHTING MEASURES**

Flammable.

Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires.

**5.1. Extinguishing media**

Keep packages near the fire cool, to prevent pressurised containers from bursting.

**Suitable methods of extinction**

In the event of a fire, use :

- sprayed water or water mist
- water with AFFF (Aqueous Film Forming Foam) additive
- halon
- foam
- multipurpose ABC powder
- BC powder
- carbon dioxide (CO<sub>2</sub>)

Prevent the effluent of fire-fighting measures from entering drains or waterways.

**Unsuitable methods of extinction**

In the event of a fire, do not use :

- water jet

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

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)

**5.3. Advice for firefighters**

Fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

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**SECTION 6 : ACCIDENTAL RELEASE MEASURES**

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

Consult the safety measures listed under headings 7 and 8.

**For non first aid worker**

Because of the organic solvents contained in the mixture, eliminate sources of ignition and ventilate the area.

Avoid any contact with the skin and eyes.

**For first aid worker**

First aid workers will be equipped with suitable personal protective equipment (See section 8).

**6.2. Environmental precautions**

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

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

Clean preferably with a detergent, do not use solvents.

**6.4. Reference to other sections**

No data available.

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**SECTION 7 : HANDLING AND STORAGE**

Requirements relating to storage premises apply to all facilities where the mixture is handled.

**7.1. Precautions for safe handling**

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Ensure that there is adequate ventilation, especially in confined areas.

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**Fire prevention :**

Handle in well-ventilated areas.

Prevent the formation of flammable or explosive concentrations in air and avoid vapor concentrations higher than the occupational exposure limits.

The mixture can become electrostatically charged: always ground when decanting. Wear antistatic shoes and clothing and make floors of non-conductive

Use the mixture in premises free of naked flames or other sources of ignition and ensure that electrical equipment is suitably protected.

Keep packages tightly closed and away from sources of heat, sparks and naked flames.

Do not use tools which may produce sparks. Do not smoke.

Prevent access by unauthorised personnel.

**Recommended equipment and procedures :**

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Avoid eye contact with this mixture.

Packages which have been opened must be reclosed carefully and stored in an upright position.

**Prohibited equipment and procedures :**

No smoking, eating or drinking in areas where the mixture is used.

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

Store away from incompatible materials.

**Storage**

Keep the container tightly closed in a dry, well-ventilated place.

Keep away from all sources of ignition - do not smoke.

The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

**Packaging**

Keep strictly in original packaging

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

No data available.

**SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1. Control parameters**

**Occupational exposure limits :**

- France (INRS - ED984 / 2020-1546) :

| CAS     | VME-ppm : | VME-mg/m3 : | VLE-ppm : | VLE-mg/m3 : | Notes : | TMP No : |
|---------|-----------|-------------|-----------|-------------|---------|----------|
| 64-17-5 | 1000      | 1900        | 5000      | 9500        | -       | 84       |

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

| CAS     | TWA : | STEL :   | Ceiling : | Definition : | Criteria : |
|---------|-------|----------|-----------|--------------|------------|
| 64-17-5 |       | 1000 ppm |           | A3           |            |

- UK / WEL (Workplace exposure limits, EH40/2005, Fourth Edition 2020) :

| CAS     | TWA :                              | STEL : | Ceiling : | Definition : | Criteria : |
|---------|------------------------------------|--------|-----------|--------------|------------|
| 64-17-5 | 1000 ppm<br>1920 mg/m <sup>3</sup> |        |           |              |            |

- Germany - AGW (BAuA - TRGS 900, 08/08/2019) :

| CAS     | VME : | VME :                            | Excess | Notes |
|---------|-------|----------------------------------|--------|-------|
| 64-17-5 |       | 200 ppm<br>380 mg/m <sup>3</sup> |        | 4(II) |

**Derived no effect level (DNEL) or derived minimum effect level (DMEL):**

ETHANOL (CAS: 64-17-5)

**Final use:**

Exposure method:

Potential health effects:

DNEL :

Exposure method:

Potential health effects:

**Workers.**

Dermal contact.

Long term systemic effects.

343 mg/kg body weight/day

Inhalation.

Short term local effects.

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|                           |                             |
|---------------------------|-----------------------------|
| DNEL :                    | 1900 mg of substance/m3     |
| Exposure method:          | Inhalation.                 |
| Potential health effects: | Long term systemic effects. |
| DNEL :                    | 950 mg of substance/m3      |

**Predicted no effect concentration (PNEC):**

ETHANOL (CAS: 64-17-5)

|                                      |  |
|--------------------------------------|--|
| Environmental compartment:<br>PNEC : | Soil.<br>0.63 mg/kg                      |
| Environmental compartment:<br>PNEC : | Fresh water.<br>0.96 mg/l                |
| Environmental compartment:<br>PNEC : | Sea water.<br>0.79 mg/l                  |
| Environmental compartment:<br>PNEC : | Intermittent waste water.<br>2.75 mg/l   |
| Environmental compartment:<br>PNEC : | Fresh water sediment.<br>3.6 mg/kg       |
| Environmental compartment:<br>PNEC : | Marine sediment.<br>2.9 mg/kg            |
| Environmental compartment:<br>PNEC : | Waste water treatment plant.<br>580 mg/l |

**8.2. Exposure controls**

**Personal protection measures, such as personal protective equipment**

Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

**- Eye / face protection**

Avoid contact with eyes.

Before handling, wear safety goggles with protective sides accordance with standard EN166.

Prescription glasses are not considered as protection.

Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.

Provide eyewash stations in facilities where the product is handled constantly.

**- Hand protection**

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN ISO 374-1.

Gloves must be selected according to the application and duration of use at the workstation.

Type of gloves recommended :

- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))
- Butyl Rubber (Isobutylene-isoprene copolymer)

**- Body protection**

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

**- Respiratory protection**

In case of exposure risk during spraying, wear breathing mask against organic vapors and particles.

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**SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES**

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

**Physical state**

Physical state : Fluid liquid.

**Colour**

Unspecified

**Odour**

Odour threshold : Not stated.

**Melting point**

Melting point/melting range : Not specified.

**Freezing point**

Freezing point / Freezing range : Not stated.

**Boiling point or initial boiling point and boiling range**

Boiling point/boiling range : > 35°C

**Flammability**

Flammability (solid, gas) : Not stated.

**Lower and upper explosion limit**

Explosive properties, lower explosivity limit (%) : Not stated.

Explosive properties, upper explosivity limit (%) : Not stated.

**Flash point**

Flash Point Interval : FP < 23°C

**Auto-ignition temperature**

Self-ignition temperature : Not specified.

**Decomposition temperature**

Decomposition point/decomposition range : Not specified.

**pH**

pH : Not stated.

Neutral.

pH (aqueous solution) : a 50 % dans l'eau : 6-8

**Kinematic viscosity**

Viscosity : Not stated.

**Solubility**

Water solubility : Soluble.

Fat solubility : Not stated.

**Partition coefficient n-octanol/water (log value)**

Partition coefficient: n-octanol/water : Not stated.

**Vapour pressure**

Vapour pressure (50°C) : Not relevant.

**Density and/or relative density**

Density : 0.87 - 0.88

**Relative vapour density**

Vapour density : Not stated.

**9.2. Other information**

% VOC : 67.98

**9.2.1. Information with regard to physical hazard classes**

No data available.

**9.2.2. Other safety characteristics**

No data available.

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**SECTION 10 : STABILITY AND REACTIVITY**

**10.1. Reactivity**

Reacts with oxidizing substances

**10.2. Chemical stability**

This mixture is stable under the recommended handling and storage conditions in section 7.

**10.3. Possibility of hazardous reactions**

With alkaline metals produces hydrogen

**10.4. Conditions to avoid**

Any apparatus likely to produce a flame or to have a metallic surface at high temperature (burners, electric arcs, furnaces etc.) must not be allowed on the premises.

Avoid :

- accumulation of electrostatic charges.
- heating
- heat
- flames and hot surfaces

**10.5. Incompatible materials**

Keep away from :

- strong oxidising agents
- nitric acid
- nitrates
- alkali metals
- peroxides
- sodium hypochlorite

**10.6. Hazardous decomposition products**

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)

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**SECTION 11 : TOXICOLOGICAL INFORMATION**

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

May have reversible effects on the eyes, such as eye irritation which is totally reversible by the end of observation at 21 days.

Splashes in the eyes may cause irritation and reversible damage

**11.1.1. Substances**

**Acute toxicity :**

ETHANOL (CAS: 64-17-5)

Oral route :

LD50 = 10460 mg/kg

Species : Rat

OECD Guideline 401 (Acute Oral Toxicity)

Dermal route :

LD50 > 2000 mg/kg

Species : Rabbit

OECD Guideline 402 (Acute Dermal Toxicity)

Inhalation route (Vapours) :

LC50 = 51 mg/l

Species : Rat

OECD Guideline 403 (Acute Inhalation Toxicity)

Duration of exposure : 4 h

**11.1.2. Mixture**

No toxicological data available for the mixture.

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**SECTION 12 : ECOLOGICAL INFORMATION**

**12.1. Toxicity**

**12.1.1. Substances**

ETHANOL (CAS: 64-17-5)

Fish toxicity :

LC50 = 11200 mg/l

Species : *Salmo gairdneri*

Duration of exposure : 24 h

Crustacean toxicity :

EC50 = 12340 mg/l

Duration of exposure : 48 h

Algae toxicity :

ECr50 = 275 mg/l

Species : *Chlorella vulgaris*

Duration of exposure : 72 h

**12.1.2. Mixtures**

No aquatic toxicity data available for the mixture.

**12.2. Persistence and degradability**

**12.2.1. Substances**

ETHANOL (CAS: 64-17-5)

Biodegradability :

Rapidly degradable.

**12.3. Bioaccumulative potential**

No data available.

**12.4. Mobility in soil**

No data available.

**12.5. Results of PBT and vPvB assessment**

No data available.

**12.6. Endocrine disrupting properties**

No data available.

**12.7. Other adverse effects**

No data available.

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**SECTION 13 : DISPOSAL CONSIDERATIONS**

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

**13.1. Waste treatment methods**

Do not pour into drains or waterways.

**Waste :**

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

**Soiled packaging :**

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

**Codes of wastes (Decision 2014/955/EC, Directive 2008/98/EEC on hazardous waste) :**

16 05 08 \* discarded organic chemicals consisting of or containing dangerous substances

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**SECTION 14 : TRANSPORT INFORMATION**

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2021 - IMDG 2020 - ICAO/IATA 2021).

**14.1. UN number or ID number**

1170



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**14.2. UN proper shipping name**

UN1170=ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

**14.3. Transport hazard class(es)**

- Classification :



3

**14.4. Packing group**

II

**14.5. Environmental hazards**

-

**14.6. Special precautions for user**

| ADR/RID | Class | Code | Pack gr. | Label | Ident. | LQ  | Provis. | EQ | Cat. | Tunnel |
|---------|-------|------|----------|-------|--------|-----|---------|----|------|--------|
|         | 3     | FI   | II       | 3     | 33     | 1 L | 144 601 | E2 | 2    | D/E    |

| IMDG | Class | 2°Label | Pack gr. | LQ  | EMS      | Provis. | EQ | Stowage Handling | Segregation |
|------|-------|---------|----------|-----|----------|---------|----|------------------|-------------|
|      | 3     | -       | II       | 1 L | F-E. S-D | 144     | E2 | Category A       | -           |

| IATA | Class | 2°Label | Pack gr. | Passager | Passager | Cargo | Cargo | note        | EQ |
|------|-------|---------|----------|----------|----------|-------|-------|-------------|----|
|      | 3     | -       | II       | 353      | 5 L      | 364   | 60 L  | A3 A58 A180 | E2 |
|      | 3     | -       | II       | Y341     | 1 L      | -     | -     | A3 A58 A180 | E2 |

For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG.

For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.

**14.7. Maritime transport in bulk according to IMO instruments**

No data available.

**SECTION 15: Regulatory information**

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

**- Classification and labelling information included in section 2:**

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2021/643 (ATP 16)
- EU Regulation No. 1272/2008 amended by EU Regulation No. 2021/849 (ATP 17)

**- Container information:**

No data available.

**- Particular provisions :**

No data available.

**- Labelling for detergents (EC Regulation No. 648/2004,907/2006) :**

- disinfectants

**- Labelling for biocidal products (Regulation (UE) n° 528/2012) :**

| Name    | CAS     | %           | Product-type |
|---------|---------|-------------|--------------|
| ETHANOL | 64-17-5 | 665.00 g/kg | 02<br>04     |

Product-type 2 : Disinfectants and algaeicides not intended for direct application to humans or animals.

Product-type 4 : Food and feed area.

**15.2. Chemical safety assessment**

No data available.

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**SECTION 16 : OTHER INFORMATION**

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

**Wording of the phrases mentioned in section 3 :**

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

**Abbreviations :**

LD50 : The dose of a test substance resulting in 50% lethality in a given time period.

LC50 : The concentration of a test substance resulting in 50% lethality in a given period.

EC50 : The effective concentration of substance that causes 50% of the maximum response.

ECr50 : The effective concentration of substance that causes 50% reduction in growth rate.

REACH : Registration, Evaluation, Authorization and Restriction of Chemical Substances.

ATE : Acute Toxicity Estimate

BW : Body Weight

DNEL : Derived No-Effect Level

PNEC : Predicted No-Effect Concentration

UFI : Unique formulation identifier.

STEL : Short-term exposure limit

TWA : Time Weighted Averages

TMP : French Occupational Illness table

TLV : Threshold Limit Value (exposure)

AEV : Average Exposure Value.

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

GHS02 : Flame

GHS07 : Exclamation mark

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.