

**GEBETANCHE EAU POTABLE RT1**



**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 : GEBETANCHE EAU POTABLE RT1  
UFI : ND2K-P6HC-T30R-913H

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

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

Registered company name : GEB.  
Address : CS 62062.95972.ROISSY CDG CEDEX . France.  
Telephone : 01 48 17 99 99. Fax : 01 48 17 98 00.  
geb@geb.fr  
www.geb.fr

**1.4. Emergency telephone number : 01 45 42 59 59.**

Association/Organisation : INRS.

**>SECTION 2 : HAZARDS IDENTIFICATION**

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

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

Skin irritation, Category 2 (Skin Irrit. 2, H315).

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

Skin sensitisation, Category 1 (Skin Sens. 1, H317).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

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

**2.2. Label elements**

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

Hazard pictograms :



GHS07

Signal Word :

WARNING

Product identifiers :

607-124-00-X

EC 200-915-7

2-HYDROXYETHYL METHACRYLATE

TERT-BUTYL HYDROPEROXIDE

Additional labeling :

EUH205

Contains epoxy constituents. May produce an allergic reaction.

Hazard statements :

H315

Causes skin irritation.

H317

May cause an allergic skin reaction.

H319

Causes serious eye irritation.

Precautionary statements - General :

P101

If medical advice is needed, have product container or label at hand.

P102

Keep out of reach of children.

### GEBETANCHE EAU POTABLE RT1

#### Precautionary statements - Prevention :

|      |   |
|------|---|
| P261 | Avoid breathing dust/fume/gas/mist/vapours/spray.   |
| P264 | Wash hands thoroughly after handling.   |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/ ... |

#### Precautionary statements - Response :

|                    |  |
|--------------------|--|
| P302 + P352        | IF ON SKIN: Wash with plenty of water and soap.  |
| P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |

#### Precautionary statements - Disposal :

|      |  |
|------|--|
| P501 | Discard content/container according to applicable regulations. |
|------|--|

### 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 contain 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  | Classification (EC) 1272/2008   | Note | %                    |
|---|---|------|----------------------|
| INDEX: 607-124-00-X<br>CAS: 868-77-9<br>EC: 212-782-2<br>REACH: 01-2119490169-29<br><br>2-HYDROXYETHYL METHACRYLATE | GHS07<br>Wng<br>Eye Irrit. 2, H319<br>Skin Irrit. 2, H315<br>Skin Sens. 1, H317   |      | 25 $\leq$ x % $< 50$ |
| INDEX: 617_023_00_2<br>CAS: 75-91-2<br>EC: 200-915-7<br>REACH: 01-2119446670-40<br><br>TERT-BUTYL HYDROPEROXIDE     | GHS06, GHS05, GHS09, GHS08, GHS02<br>Dgr<br>Flam. Liq. 3, H226<br>Org. Perox. F, H242<br>Acute Tox. 4, H302<br>Acute Tox. 3, H311<br>Skin Corr. 1, H314<br>Skin Sens. 1, H317<br>Eye Dam. 1, H318<br>Acute Tox. 3, H331<br>STOT SE 3, H335<br>Muta. 2, H341<br>Carc. 2, H351<br>Aquatic Chronic 2, H411 | [2]  | 0 $\leq$ x % $< 2.5$ |
| INDEX: 604_044_00_7<br>CAS: 150-76-5<br>EC: 205-769-8<br><br>MEQUINOL   | GHS07<br>Wng<br>Acute Tox. 4, H302<br>Skin Sens. 1, H317<br>Eye Irrit. 2, H319<br>Aquatic Chronic 3, H412   | [1]  | 0 $\leq$ x % $< 2.5$ |

#### Specific concentration limits:

| Identification  | Specific concentration limits | ATE   |
|---|-------------------------------|---|
| INDEX: 617_023_00_2<br>CAS: 75-91-2<br>EC: 200-915-7<br>REACH: 01-2119446670-40<br><br>TERT-BUTYL HYDROPEROXIDE |                               | inhalation: ATE = 1845 mg/l (gas)<br>dermal: ATE = 628 mg/kg BW<br>oral: ATE = 560 mg/kg BW |

**GEBETANCHE EAU POTABLE RT1**

---

**Information on ingredients :**

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

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

[2] Carcinogenic, mutagenic or reprotoxic (CMR) substance.

---

**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 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 :**

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.

Watch out for any remaining product between skin and clothing, watches, shoes, etc.

In the event of an allergic reaction, seek medical attention.

If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

**In the event of swallowing :**

Do not give the patient anything orally.

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

Seek medical attention immediately, showing the label.

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

No data available.

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

No data available.

---

**SECTION 5 : FIREFIGHTING MEASURES**

Non-flammable.

**5.1. Extinguishing media**

**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**

No data available.

---

**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**

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).

**GEBETANCHE EAU POTABLE RT1**

**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.

**SECTION 7 : HANDLING AND STORAGE**

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

Individuals with a history of skin sensitisation should not, under any circumstance, handle this mixture.

**7.1. Precautions for safe handling**

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

**Fire prevention :**

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 skin and eye contact with this mixture.

**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**

No data available.

**Storage**

Keep out of reach of children.

**Packaging**

Always keep in packaging made of an identical material to the original.

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

No data available.

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

**> 8.1. Control parameters**

**Occupational exposure limits :**

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

| CAS      | TWA :   | STEL : | Ceiling : | Definition : | Criteria : |
|----------|---------|--------|-----------|--------------|------------|
| 150-76-5 | 5 mg/m3 |        |           |              |            |

- France (INRS - Outils 65 / 2021-1849, 2021-1763, decree of 09/12/2021) :

| CAS      | VME-ppm : | VME-mg/m3 : | VLE-ppm : | VLE-mg/m3 : | Notes : | TMP No : |
|----------|-----------|-------------|-----------|-------------|---------|----------|
| 150-76-5 | -         | 5           | -         | -           | -       | -        |

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

2-HYDROXYETHYL METHACRYLATE (CAS: 868-77-9)

**Final use:**

Exposure method:

Potential health effects:

DNEL :

Exposure method:

Potential health effects:

**Workers.**

Dermal contact.

Long term systemic effects.

1.3 mg/kg body weight/day

Inhalation.

Long term systemic effects.

**GEBETANCHE EAU POTABLE RT1**

---

DNEL : 4.9 mg of substance/m3

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

2-HYDROXYETHYL METHACRYLATE (CAS: 868-77-9)

Environmental compartment: Soil.  
PNEC : 0.476 mg/kg

Environmental compartment: Fresh water.  
PNEC : 3.79 mg/kg

Environmental compartment: Waste water treatment plant.  
PNEC : 10 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.

Use eye protectors designed to protect against liquid splashes

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

In the event of high danger, protect the face with a face shield.

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**

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

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.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

**- Body protection**

Avoid skin contact.

Wear suitable protective clothing.

Suitable type of protective clothing :

In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605/A1 to prevent skin contact.

In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034/A1 to prevent skin contact.

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.

---

**>SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES**

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

**Physical state**

Physical state : Viscous liquid.

**Colour**

Unspecified

**GEBETANCHE EAU POTABLE RT1**

---

**Odour**

Odour threshold : Not stated.

**> Melting point**

Melting point/melting range : Not relevant.

**Freezing point**

Freezing point / Freezing range : Not stated.

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

Boiling point/boiling range : Not relevant.

**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 : Not relevant.

**Auto-ignition temperature**

Self-ignition temperature : Not relevant.

**Decomposition temperature**

Decomposition point/decomposition range : Not relevant.

**pH**

pH (aqueous solution) : Not stated.

pH : Not relevant.

**Kinematic viscosity**

Viscosity : Not stated.

**Solubility**

Water solubility : Insoluble.

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 : > 1

**Relative vapour density**

Vapour density : Not stated.

**9.2. Other information**

No data available.

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

No data available.

**9.2.2. Other safety characteristics**

No data available.

**> Formation of explosible dust/air mixtures**

Characteristic of dust particles : Not stated.

Maximum pressure generated by the explosion : Not stated.

Deflagration index (Kst) : Not stated.

Minimum ignition energy : Not stated.

MEC/LEL: Not stated.

**GEBETANCHE EAU POTABLE RT1**

---

**SECTION 10 : STABILITY AND REACTIVITY**

**10.1. Reactivity**

No data available.

**10.2. Chemical stability**

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

**10.3. Possibility of hazardous reactions**

No data available.

**10.4. Conditions to avoid**

No data available.

**10.5. Incompatible materials**

No data available.

**10.6. Hazardous decomposition products**

The thermal decomposition may release/form :

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

---

**SECTION 11 : TOXICOLOGICAL INFORMATION**

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

May cause irreversible damage to the skin; namely inflammation of the skin or the formation of erythema and eschar or oedema following exposure up to four hours.

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

May cause an allergic reaction by skin contact.

Based on the properties of the epoxy constituent(s) and considering toxicological data on similar preparations, this preparation may be a skin sensitiser and a respiratory tract sensitiser as well as an irritant.

Constituents with a low molecular weight irritate the eyes, mucous membranes and the skin

Repeated contact with the skin may cause irritation and hypersensitisation, possibly in combination with other epoxide compounds.

**11.1.1. Substances**

**Acute toxicity :**

TERT-BUTYL HYDROPEROXIDE (CAS: 75-91-2)

Oral route : LD50 = 560 mg/kg bodyweight/day  
Species : Rat

Dermal route : LD50 = 628 mg/kg bodyweight/day  
Species : Rabbit

Inhalation route (Gas) : LC50 = 1845 mg/m<sup>3</sup>  
Species : Rat

**Germ cell mutagenicity :**

TERT-BUTYL HYDROPEROXIDE (CAS: 75-91-2)

Cause for concern owing to the possibility that it may induce heritable mutations in the germ cells of humans.

**11.1.2. Mixture**

**Respiratory or skin sensitisation :**

Contains epoxy compounds. May cause an allergic reaction.

**11.2. Information on other hazards**

**Monograph(s) from the IARC (International Agency for Research on Cancer) :**

CAS 91-22-5 : IARC Group 2B : The agent is possibly carcinogenic to humans.

**GEBETANCHE EAU POTABLE RT1**

---

CAS 81-07-2 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

CAS 9002-84-0 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

---

**SECTION 12 : ECOLOGICAL INFORMATION**

**12.1. Toxicity**

**12.1.2. Mixtures**

No aquatic toxicity data available for the mixture.

**12.2. Persistence and degradability**

No data available.

**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.

---

**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, 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.

---

**SECTION 14 : TRANSPORT INFORMATION**

Exempt from transport classification and labelling.

**14.1. UN number or ID number**

-

**14.2. UN proper shipping name**

-

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

-

**14.4. Packing group**

-

**14.5. Environmental hazards**

-

**14.6. Special precautions for user**

-



**GEBETANCHE EAU POTABLE RT1**

---

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

-

---

**>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. 2022/692 (ATP 18)

**Container information:**

No data available.

**Restrictions applied under Title VIII of Regulation (EC) No. 1907/2006 (REACH):**

The mixture does not contain any substance restricted under Annex XVII of Regulation (EC) No. 1907/2006 (REACH):  
<https://echa.europa.eu/substances-restricted-under-reach>.

**> Explosives precursors :**

The mixture does not contain any substance subject to Regulation (EU) 2019/1148 on the marketing and use of explosives precursors.

**Particular provisions :**

No data available.

**15.2. Chemical safety assessment**

No data available.

---

**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 :**

|      |  |
|------|--|
| H226 | Flammable liquid and vapour.                       |
| H242 | Heating may cause a fire.                          |
| H302 | Harmful if swallowed.                              |
| H311 | Toxic in contact with skin.                        |
| H314 | Causes severe skin burns and eye damage.           |
| H315 | Causes skin irritation.                            |
| H317 | May cause an allergic skin reaction.               |
| H318 | Causes serious eye damage.                         |
| H319 | Causes serious eye irritation.                     |
| H331 | Toxic if inhaled.                                  |
| H335 | May cause respiratory irritation.                  |
| H341 | Suspected of causing genetic defects .             |
| H351 | Suspected of causing cancer .                      |
| H411 | Toxic to aquatic life with long lasting effects.   |
| H412 | Harmful to aquatic life with long lasting effects. |

**Abbreviations and acronyms :**

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.

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

ATE : Acute Toxicity Estimate

**GEBETANCHE EAU POTABLE RT1**

---

BW : Body Weight  
DNEL : Derived No-Effect Level  
PNEC : Predicted No-Effect Concentration  
CMR: Carcinogenic, mutagenic or reprotoxic.  
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.  
WGK : Wassergefährdungsklasse (Water Hazard Class).  
GHS07 : Exclamation mark  
PBT: Persistent, bioaccumulable and toxic.  
vPvB : Very persistent, very bioaccumulable.  
SVHC : Substances of very high concern.  
> Modification compared to the previous version