

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

· **1.1 Product identifier**

· **Trade name: TENSAFOAM PAZ**

· **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.

· **Sector of Use**

SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites

· **Product category PC35** Washing and cleaning products (including solvent based products)

· **Application of the substance / the mixture**

Acidic cleaning product for use in food industry.  
Acidic detergent

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

· **Manufacturer/Supplier:**

Tensio  
Doornpark 36  
9120 Beveren  
Belgium  
Tel.: +32 3 755 48 74  
Fax.: +32 3 755 51 55  
e-mail: info@tensio.be

· **Further information obtainable from: Product Safety Departement: SDS@tensio.be**

· **1.4 Emergency telephone number: +44 700 393 7989**

### SECTION 2: Hazards identification

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

· **Classification according to Regulation (EC) No 1272/2008**



GHS03 flame over circle

Ox. Liq. 2                      H272 May intensify fire; oxidiser.



GHS05 corrosion

Met. Corr.1                      H290 May be corrosive to metals.

Skin Corr. 1A                    H314 Causes severe skin burns and eye damage.

Eye Dam. 1                      H318 Causes serious eye damage.



GHS09 environment

Aquatic Chronic 1 H410 Very toxic to aquatic life with long lasting effects.



GHS07

Acute Tox. 4                      H302 Harmful if swallowed.

STOT SE 3                        H335 May cause respiratory irritation.

· **2.2 Label elements**

· **Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

(Contd. on page 2)

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 18.12.2018

Version number 2

Revision: 18.12.2018

Trade name: TENSAFOAM PAZ

(Contd. of page 1)

- **Hazard pictograms** GHS03, GHS05, GHS07, GHS09
- **Signal word** Danger

- **Hazard-determining components of labelling:**

acetic acid  
hydrogen peroxide solution  
peracetic acid  
cocoalkyldimethylamine oxide

- **Hazard statements**

H272 May intensify fire; oxidiser.  
H290 May be corrosive to metals.  
H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H335 May cause respiratory irritation.  
H410 Very toxic to aquatic life with long lasting effects.

- **Precautionary statements**

P260 Do not breathe dusts or mists.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or 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/doctor.  
P321 Specific treatment (see on this label).  
P405 Store locked up.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **2.3 Other hazards**

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**

- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 64-19-7 EINECS: 200-580-7	acetic acid ⚠ Flam. Liq. 3, H226; ⚠ Skin Corr. 1A, H314; ⚠ Acute Tox. 4, H312	≥10–<25%
CAS: 7722-84-1 EINECS: 231-765-0 Reg.nr.: 01-2119485845-22-XXXX	hydrogen peroxide solution ⚠ Ox. Liq. 1, H271; ⚠ Skin Corr. 1A, H314; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332	≥5–<8%
CAS: 61788-90-7 EINECS: 263-016-9	cocoalkyldimethylamine oxide ⚠ Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400; ⚠ Skin Irrit. 2, H315	≥1–<2.5%
CAS: 79-21-0 EINECS: 201-186-8	peracetic acid ⚠ Flam. Liq. 3, H226; Org. Perox. D, H242; ⚠ Skin Corr. 1A, H314; ⚠ Aquatic Acute 1, H400; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332	≥1–<2.5%

(Contd. on page 3)

**Trade name: TENSAFOAM PAZ**

(Contd. of page 2)

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

#### · 4.1 Description of first aid measures

##### · **General information:**

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

##### · **After inhalation:**

Seek medical treatment in case of complaints.

In case of unconsciousness place patient stably in side position for transportation.

##### · **After skin contact:**

If skin irritation continues, consult a doctor.

Immediately wash with water and soap and rinse thoroughly.

##### · **After eye contact:**

Rinse opened eye for several minutes under running water. Then consult a doctor.

##### · **After swallowing:**

Call for a doctor immediately.

Drink plenty of water and provide fresh air. Call for a doctor immediately.

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

Skin contact: burns, pain, redness.

Eye contact: lesions, irritations, pain, tearing, redness.

Inhalation: malaise, dizziness

Ingestion: burns, irritation, pain.

#### · **Hazards** Danger of gastric perforation.

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

Treat symptomatically. An eyewash is recommended in the immediate work area.

### SECTION 5: Firefighting measures

#### · 5.1 Extinguishing media

##### · **Suitable extinguishing agents:**

Water

Water haze

##### · **For safety reasons unsuitable extinguishing agents:**

Foam

Extinguishing powder

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

During heating or in case of fire poisonous gases are produced.

#### · 5.3 Advice for firefighters

##### · **Protective equipment:** Mouth respiratory protective device.

### SECTION 6: Accidental release measures

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

Ensure adequate ventilation

Wear protective equipment. Keep unprotected persons away.

#### · 6.2 Environmental precautions:

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

(Contd. on page 4)

**Trade name: TENSAFOAM PAZ**

(Contd. of page 3)

- **6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Use neutralising agent.  
Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation.
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**  
Keep away from heat and direct sunlight.  
Do not seal receptacles gas-tight.  
Do not refill residue into storage receptacles.  
Restrict the quantity stored at the work place.  
Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.
- **Information about fire - and explosion protection:** Keep respiratory protective device available.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Store only in the original receptacle.  
Provide ventilation for receptacles.  
Store in a cool location.
- **Information about storage in one common storage facility:**  
Store away from flammable substances.
- **Further information about storage conditions:**  
Protect from contamination.  
Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.  
Keep container tightly sealed.
- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

- **8.1 Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

**CAS: 64-19-7 acetic acid (≥10–<25%)**

WEL (Great Britain)	Short-term value: 50 mg/m <sup>3</sup> , 20 ppm Long-term value: 25 mg/m <sup>3</sup> , 10 ppm
---------------------	---

IOELV (EU)	Short-term value: 50 mg/m <sup>3</sup> , 20 ppm Long-term value: 25 mg/m <sup>3</sup> , 10 ppm
------------	---

**CAS: 7722-84-1 hydrogen peroxide solution (≥5–<8%)**

WEL (Great Britain)	Short-term value: 2.8 mg/m <sup>3</sup> , 2 ppm Long-term value: 1.4 mg/m <sup>3</sup> , 1 ppm
---------------------	---

- **Additional information:** The lists valid during the making were used as basis.

(Contd. on page 5)

**Trade name: TENSAFOAM PAZ**

(Contd. of page 4)

· **8.2 Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

· **Respiratory protection:**

Use suitable respiratory protective device only when aerosol or mist is formed.

Short term filter device:

Filter ABEK-P3

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

· **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

<http://industrialcatalogue.ansell.eu/en/chemicalagents>

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**



Tightly sealed goggles

### SECTION 9: Physical and chemical properties

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

· **General Information**

· **Appearance:**

Form: Fluid

Colour: Colourless

· **Odour:** Characteristic

· **Odour threshold:** Not determined.

· **pH-value at 20 °C:** 2.3

(Contd. on page 6)

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 18.12.2018

Version number 2

Revision: 18.12.2018

Trade name: TENSAFOAM PAZ

(Contd. of page 5)

· <b>Change in condition</b> Melting point/freezing point: Undetermined. Initial boiling point and boiling range: 100 °C
· <b>Flash point:</b> 23 - 60 °C
· <b>Flammability (solid, gas):</b> Not applicable.
· <b>Ignition temperature:</b> 485 °C
· <b>Decomposition temperature (SADT):</b> Not determined.
· <b>Auto-ignition temperature:</b> Product is not selfigniting.
· <b>Explosive properties:</b> Product does not present an explosion hazard.
· <b>Explosion limits:</b> Lower: 4 Vol % Upper: 17 Vol %
· <b>Vapour pressure at 20 °C:</b> 23 hPa
· <b>Density at 20 °C:</b> 1.05 g/cm <sup>3</sup> · <b>Relative density:</b> Not determined. · <b>Vapour density:</b> Not determined. · <b>Evaporation rate:</b> Not determined.
· <b>Solubility in / Miscibility with water:</b> Fully miscible.
· <b>Partition coefficient: n-octanol/water:</b> Not determined.
· <b>Viscosity:</b> Dynamic: Not determined. Kinematic: Not determined.
· <b>Solvent content:</b> Organic solvents: 19.0 % VOC (EC): 19.00 %
· <b>9.2 Other information:</b> No further relevant information available.

### SECTION 10: Stability and reactivity

- **10.1 Reactivity:** No further relevant information available.
- **10.2 Chemical stability:**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions:** No dangerous reactions known.
- **10.4 Conditions to avoid:** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** Oxygen

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects:**
- **Acute toxicity:**  
Harmful if swallowed.

(Contd. on page 7)

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 18.12.2018

Version number 2

Revision: 18.12.2018

Trade name: TENSAFOAM PAZ

(Contd. of page 6)

· **LD/LC50 values relevant for classification:**

**CAS: 64-19-7 acetic acid**

Oral	LD50	3,310 mg/kg (rat)
Dermal	LD50	1,060 mg/kg (rabbit)

**CAS: 7722-84-1 hydrogen peroxide solution**

Oral	LD50	1,190 mg/kg (rat)
Dermal	LD50	>6,500 mg/kg (rabbit)
Inhalative	LC50/ 4h	2 mg/l (rat)

- **Primary irritant effect:**
- **Skin corrosion/irritation**  
Causes severe skin burns and eye damage.
- **Serious eye damage/irritation**  
Causes serious eye damage.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure**  
May cause respiratory irritation.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.  
Must not reach sewage water or drainage ditch undiluted or unneutralised.  
Also poisonous for fish and plankton in water bodies.  
The surfactants ingredients of the product are biodegradable according to the requirements of regulation 648/2004/EC.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**  
Contact manufacturer for recycling information.

(Contd. on page 8)

GB

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 18.12.2018

Version number 2

Revision: 18.12.2018

Trade name: TENSAFOAM PAZ

(Contd. of page 7)

Can be reused after reprocessing.

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packaging:**

· **Recommendation:**

Packaging may be reused or recycled after cleaning.

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

### SECTION 14: Transport information

· <b>ADR, IMDG, IATA</b>	UN3149	
· <b>14.2 UN proper shipping name</b>	UN3149 HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE, STABILIZED, ENVIRONMENTALLY HAZARDOUS HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE, STABILIZED	
· <b>ADR</b>		
· <b>IMDG, IATA</b>		
· <b>Class</b>		5.1 Oxidising substances.
· <b>Label</b>		5.1+8
· <b>Class</b>		5.1 Oxidising substances.
· <b>Label</b>		5.1/8
· <b>Class</b>		5.1 Oxidising substances.
· <b>Label</b>		5.1 (8)
· <b>ADR</b>		II
· <b>IMDG, IATA</b>	I	
· <b>14.5 Environmental hazards:</b>		
· <b>Marine pollutant:</b>	No	
· <b>Special marking (ADR):</b>	Symbol (fish and tree)	
· <b>14.6 Special precautions for user</b>	Warning: Oxidising substances.	
· <b>Danger code (Kemler):</b>	-	
· <b>EMS Number:</b>	F-H,S-Q	
· <b>Segregation groups</b>	Peroxides	
· <b>Stowage Category</b>	D	
· <b>Stowage Code</b>	SW1 Protected from sources of heat.	
· <b>Segregation Code</b>	SG16 Stow "separated from" class 4.1 SG59 Stow "separated from" permanganates SG72 See 7.2.6.3.2.	
· <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.	
· <b>Limited quantities (LQ)</b>	1L	
· <b>Excepted quantities (EQ)</b>	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml	
· <b>Transport category</b>	2	

(Contd. on page 9)



# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 18.12.2018

Version number 2

Revision: 18.12.2018

Trade name: TENSAFOAM PAZ

(Contd. of page 8)

· <b>Tunnel restriction code</b>	E
· <b>UN "Model Regulation":</b>	UN 3149 HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE, STABILIZED, 5.1 (8), II, ENVIRONMENTALLY HAZARDOUS

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms** GHS03, GHS05, GHS07, GHS09
- **Signal word** Danger
- **Hazard-determining components of labelling:**  
acetic acid  
hydrogen peroxide solution  
peracetic acid  
cocoalkyldimethylamine oxide
- **Hazard statements**  
H272 May intensify fire; oxidiser.  
H290 May be corrosive to metals.  
H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H335 May cause respiratory irritation.  
H410 Very toxic to aquatic life with long lasting effects.
- **Precautionary statements**  
P260 Do not breathe dusts or mists.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or 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/doctor.  
P321 Specific treatment (see on this label).  
P405 Store locked up.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Seveso category**  
P8 OXIDISING LIQUIDS AND SOLIDS  
E1 Hazardous to the Aquatic Environment
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 50 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 200 t
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3
- **National regulations:**

Class	Share in %
II	19.0

(Contd. on page 10)

**Trade name: TENSAFOAM PAZ**

(Contd. of page 9)

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

H226 Flammable liquid and vapour.  
 H242 Heating may cause a fire.  
 H271 May cause fire or explosion; strong oxidiser.  
 H302 Harmful if swallowed.  
 H312 Harmful in contact with skin.  
 H314 Causes severe skin burns and eye damage.  
 H315 Causes skin irritation.  
 H318 Causes serious eye damage.  
 H332 Harmful if inhaled.  
 H400 Very toxic to aquatic life.

· **Contact:**

Wim Lampaert  
 MSc Chemistry

· **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
 ICAO: International Civil Aviation Organisation  
 ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
 IMDG: International Maritime Code for Dangerous Goods  
 IATA: International Air Transport Association  
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
 EINECS: European Inventory of Existing Commercial Chemical Substances  
 ELINCS: European List of Notified Chemical Substances  
 CAS: Chemical Abstracts Service (division of the American Chemical Society)  
 VOC: Volatile Organic Compounds (USA, EU)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 PBT: Persistent, Bioaccumulative and Toxic  
 vPvB: very Persistent and very Bioaccumulative  
 Flam. Liq. 3: Flammable liquids – Category 3  
 Ox. Liq. 1: Oxidizing liquids – Category 1  
 Ox. Liq. 2: Oxidizing liquids – Category 2  
 Org. Perox. D: Organic peroxides – Type C/D  
 Met. Corr. 1: Corrosive to metals – Category 1  
 Acute Tox. 4: Acute toxicity – Category 4  
 Skin Corr. 1A: Skin corrosion/irritation – Category 1A  
 Skin Irrit. 2: Skin corrosion/irritation – Category 2  
 Eye Dam. 1: Serious eye damage/eye irritation – Category 1  
 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3  
 Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1  
 Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

· \* **Data compared to the previous version altered.**