

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 06.02.2023

Version number 5

Revision: 06.02.2023

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

**1.1 Product identifier**

Trade name: **VINAIGRE <10% d'acidité**

Article number: 0808

CAS Number: 90132-02-8

EC number: 231-791-2  
Not relevant

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

Application of the substance / the mixture

No further relevant information available.  
Chemical Manufacturing  
Perfumery, cosmetics  
Pharmacy, laboratory  
Food

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

Manufacturer/Supplier: CHARBONNEAUX BRABANT Tel: +33 (0)3 26 49 58 70  
52 rue de la Justice  
51100 REIMS  
www.charbonneauxbrabant.com  
E-mail: chimiereglementation@charbonneaux.com

Further information obtainable from: Service Réglementaire de la société CHARBONNEAUX BRABANT  
52 rue de Justice - Z.I. Port Sec  
51100 REIMS  
Tel: 03 26 49 58 70  
E-mail: chimiereglementation@charbonneaux.com

**1.4 Emergency telephone number:**

ORFILA téléphone: 01 45 42 59 59  
SAMU : 15  
POMPIERS: 18  
Pour connaître la liste des médecins de garde contactez le 15.  
Emergency Number 112

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008 The substance is not classified, according to the GB CLP regulation.

**2.2 Label elements**

Labelling according to Regulation (EC) No 1272/2008 Void

Hazard pictograms Void

Signal word Void

Hazard statements Void

Precautionary statements Keep out of reach of children.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Additional information: Vinegar as a foodstuff is not subject to classification according to the GB CLP regulation, nor to the publication of a safety data sheet according to the UK REACH regulation.

Information concerning particular hazards for human and environment: The product does not, or does not generate, when used, other dangerous properties that would not be classified under Regulation No 1272/2008

**2.3 Other hazards**

Results of PBT and vPvB assessment

PBT: The product does not possess PBT property, as defined in Annex XIII of Regulation (CE) n°1907/2006.  
Not applicable.

vPvB: The product does not possess vPvB property, as defined in Annex XIII of Regulation (CE) n°1907/2006.  
Not applicable.

Determination of endocrine-disrupting properties For information on endocrine disrupting properties see section 11.  
The product does not contain substances with endocrine disrupting properties.

**SECTION 3: Composition/information on ingredients**

**3.1 Substances**

CAS No. Description 90132-02-8  
8028-52-2

Identification number(s)

EC number: 231-791-2

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· Additional information:

Vinegar is a regulated product. Decree No. 88-1207 of December 30, 1988 (amended by Decree No. 2005-553 of May 19, 2005) precisely defines the vinegar and its characteristics. This decree is completed by a European standard: NF EN 13188 of October 2000. The denomination "vinegar" is reserved for the product obtained exclusively by the biological process of the double fermentation, alcoholic and acetic, of foodstuffs and drinks of agricultural origin or their aqueous dilutions;

Vinegar is defined in the regulations with different chemical identity numbers depending on the application in which this raw material is used:

Crop protection application / Basic substance: CAS number: 90132-02-8

Detergency application / EC inventory: CAS number: 90132-02-8

Cosmetic application: CAS number 8028-52-2

Biocide application, low risk substance: 8028-52-2

The classification of vinegar for its non-food uses was established on the basis of the available regulatory data for acetic acid CAS: 64-19-7. Indeed, vinegar is a substance with a multiple composition, variable and defined essentially by its mode of production. The main substance presenting a danger according to the criteria of the GB CLP regulation is the acetic acid contained in the vinegar and determining its degree of acidity. Acetic acid has a harmonised classification according to the GB CLP Regulation:

Specific concentration limits:

Skin Corr. 1B; H314:  $\geq 25\%$ .

Skin Irrit. 2; H315:  $\geq 10\%$ .

Eye Dam. 1; H318:  $\geq 25\%$

Eye Irrit. 2; H319:  $\geq 10\%$

· Dangerous components:

CAS: 90132-02-8  
EINECS: 290-419-7  
Reg.nr.: Exempt

**Vinegar** obtained exclusively by the biological process of the double fermentation, alcoholic and acetic, of foodstuffs and drinks of agricultural origin or their aqueous dilutions. Vinegar ext.

≥2.5-&lt;10%

⚠ Skin Corr. 1A, H314

Specific concentration limits: Skin Corr. 1A; H314:  $C \geq 90\%$

Skin Corr. 1B; H314:  $25\% \leq C < 90\%$

Skin Irrit. 2; H315:  $10\% \leq C < 25\%$

Eye Dam. 1; H318:  $C \geq 25\%$

Eye Irrit. 2; H319:  $10\% \leq C < 25\%$

## SECTION 4: First aid measures

### · 4.1 Description of first aid measures

· General information:

No special measures required.

· After inhalation:

Supply fresh air.

· After skin contact:

Immediately rinse with water.

· After eye contact:

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

· After swallowing:

Verify that the victim bears no lenses - remove.

A person vomiting while laying on their back should be turned onto their side.

Rinse out mouth and then drink plenty of water.

Do not induce vomiting unless directed by a physician

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

No further relevant information available.

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

No specific treatment required.

## SECTION 5: Firefighting measures

### · 5.1 Extinguishing media

· Suitable extinguishing agents:

Use fire extinguishing methods suitable to surrounding conditions.

CO<sub>2</sub>, extinguishing powder, foam, water spray

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

Carbon monoxide (CO)

Carbon dioxide

### · 5.3 Advice for firefighters

· Protective equipment:

Wear self-contained respiratory protective device.

Do not inhale explosion gases or combustion gases.

· Additional information

Cool endangered receptacles with water spray.

## SECTION 6: Accidental release measures

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

Avoid contact with skin and eyes

### · 6.2 Environmental precautions:

No special measures required.

### · 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

### · 6.4 Reference to other sections

No dangerous substances are released.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** *Ensure good ventilation/exhaustion at the workplace.*
- Information about fire - and explosion protection: *Safety equipment to fight against fire, leak or spill must be easily accessible*
- **7.2 Conditions for safe storage, including any incompatibilities**
- Storage: *Store only in the original receptacle.*
- Requirements to be met by storerooms and receptacles: *Use only receptacles specifically permitted for this substance/product.*
- Information about storage in one common storage facility: *Do not store with the basics*
- Further information about storage conditions: *Keep away from incompatible materials*
- **7.3 Specific end use(s)** *Don't store together sodium hypochlorite solution*
- *Store in cool, dry conditions in well sealed receptacles.*
- *No further relevant information available.*

### SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- Ingredients with limit values that require monitoring at the workplace: *Not required.*
- DNELs *Information not available*
- PNECs *Information not available*
- Additional information: *The lists valid during the making were used as basis.*
- **8.2 Exposure controls** *The appropriate control measures depend on how the product is used and the potential for exposure*
- Appropriate engineering controls *If engineering controls and work practices are not effective in preventing or controlling exposure, then suitable personal equipment, which is known perform satisfactorily, should be used.*
- Individual protection measures, such as personal protective equipment *No further data; see item 7.*
- General protective and hygienic measures: *The usual precautionary measures are to be adhered to when handling chemicals.*
- Respiratory protection: *Do not inhale gases / fumes / aerosols.*
- Hand protection: *Avoid contact with the eyes and skin.*
- Material of gloves: *Promote the establishment of collective protection over personal safety equipment*
- Penetration time of glove material: *Not required.*
- Eye/face protection: *Not required.*
- *Not required.*
- *Rubber gloves*
- *Not applicable*
- *Not required.*

### SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- General Information
- Physical state *Fluid*
- Colour: *Colourless*
- Odour: *Characteristic*
- Odour threshold: *Not determined.*
- Melting point/freezing point: *Undetermined.*
- Boiling point or initial boiling point and boiling range *100 °C (212 °F)*
- Flammability *Not applicable.*
- Flash point: *Not applicable.*
- Decomposition temperature: *Not determined.*
- pH *Not determined.*
- Viscosity:
- Dynamic at 20 °C (68 °F): *0.952 mPas*
- Solubility
- water: *Soluble.*
- Partition coefficient n-octanol/water (log value) *Chapter 12*
- Vapour pressure at 20 °C (68 °F): *23 hPa (17.3 mm Hg)*
- Density and/or relative density
- Density at 20 °C (68 °F): *1.0048 g/cm³ (8.3851 lbs/gal)*
- Appearance:
- Form: *Fluid*
- Important information on protection of health and environment, and on safety.
- Auto-ignition temperature: *Not determined.*
- Explosive properties: *Product does not present an explosion hazard.*
- Information with regard to physical hazard classes
- Explosives *Void*
- Flammable gases *Void*

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· Aerosols	Void
· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids	Void
· Flammable solids	Void
· Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void
· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit flammable gases in contact with water	Void
· Oxidising liquids	Void
· Oxidising solids	Void
· Organic peroxides	Void
· Corrosive to metals	Void
· Desensitised explosives	Void

### SECTION 10: Stability and reactivity

· <b>10.1 Reactivity</b>	No further relevant information available.
· <b>10.2 Chemical stability</b>	
· Thermal decomposition / conditions to be avoided:	No decomposition if used according to specifications.
· <b>10.3 Possibility of hazardous reactions</b>	Reaction with basic products
· <b>10.4 Conditions to avoid</b>	No further relevant information available.
· <b>10.5 Incompatible materials:</b>	bases Sodium hypochlorite solution
· <b>10.6 Hazardous decomposition products:</b>	No dangerous decomposition products known.

### SECTION 11: Toxicological information

· <b>11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008</b>	
· <b>Acute toxicity</b>	Based on available data, the classification criteria are not met.

· LD/LC50 values relevant for classification:

**CAS: 90132-02-8** Vinegar obtained exclusively by the biological process of the double fermentation, alcoholic and acetic, of foodstuffs and drinks of agricultural origin or their aqueous dilutions. Vinegar ext.

Oral	LD50	3,310 mg/kg (RAT) Acetic acid - Registration dossier - ECHA (CAS 64-19-7)
Inhalative	LC50	40 mg/l (RAT) (4H) Acetic acid - Registration dossier - ECHA (CAS 64-19-7)

· Oral:	Available data indicates that classification criteria are not met.
· Dermal:	Available data indicates that classification criteria are not met.
· Inhalation:	Available data indicates that classification criteria are not met.
· Skin corrosion/irritation	Available data indicates that classification criteria are not met. Based on available data, the classification criteria are not met.
· Serious eye damage/irritation	Based on available data, the classification criteria are not met.
· <b>Sensitization:</b>	Based on available data, the classification criteria are not met.
· 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.
· <b>STOT-single exposure</b>	Based on available data, the classification criteria are not met.
· <b>STOT-repeated exposure</b>	Based on available data, the classification criteria are not met.
· <b>Aspiration hazard</b>	Based on available data, the classification criteria are not met.
· <b>11.2 Information on other hazards</b>	

· Endocrine disrupting properties

None of the ingredients is listed.

### SECTION 12: Ecological information

· **12.1 Toxicity**

· Aquatic toxicity:

**CAS: 90132-02-8** Vinegar obtained exclusively by the biological process of the double fermentation, alcoholic and acetic, of foodstuffs and drinks of agricultural origin or their aqueous dilutions. Vinegar ext.

LC50 (ecologique)	>300.82 mg/l (DAPHNIES) (4H) Acetic acid - Registration dossier - ECHA (CAS 64-19-7) >300.82 mg/l (POISSON) Acetic acid - Registration dossier - ECHA (CAS 64-19-7)
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**12.2 Persistence and degradability**

**CAS: 90132-02-8** Vinegar obtained exclusively by the biological process of the double fermentation, alcoholic and acetic, of foodstuffs and drinks of agricultural origin or their aqueous dilutions. Vinegar ext.

Biodegradabilité 96 % (OTH) (28j)

Acetic acid - Registration dossier - ECHA (CAS 64-19-7)

**12.3 Bioaccumulative potential**

no data defined

**12.4 Mobility in soil**

No further relevant information available.

**12.5 Results of PBT and vPvB assessment**

PBT:

The product does not possess PBT property, as defined in Annex XIII of Regulation (CE) n°1907/2006.

Not applicable.

vPvB:

The product does not possess vPvB property, as defined in Annex XIII of Regulation (CE) n°1907/2006.

Not applicable.

**12.6 Other adverse effects**

Additional ecological information:

General notes:

Do not allow product to reach ground water, water course or sewage system.

## SECTION 13: Disposal considerations

**13.1 Waste treatment methods**

Recommendation

Smaller quantities can be disposed of with household waste.

For the handling of waste, take the precautions mentioned in Chapter 7 and 8

Reuse or recycle where possible

Otherwise, incineration using methods recommended

Data on the use by the cosommateur are needed to determine the waste classification

Waste disposal key:

Uncleaned packaging:

Recommendation:

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

Do not remove the label on the package until it is cleaned

Do not incinerate sealed packaging

Recommended cleansing agents:

Water, if necessary together with cleansing agents.

## SECTION 14: Transport information

**14.1 UN number or ID number**

ADR, ADN, IMDG, IATA

Void

**14.2 UN proper shipping name**

ADR, ADN, IMDG, IATA

Void

**14.3 Transport hazard class(es)**

ADR, ADN, IMDG, IATA

Class

Void

**14.4 Packing group**

ADR, IMDG, IATA

Void

**14.5 Environmental hazards:**

Marine pollutant:

No

**14.6 Special precautions for user**

Not applicable.

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

Not applicable.

Transport/Additional information:

ADR

Remarks:

Special provision applies to UN 2790 to mitigate the ADR requirement applicable to the vinegar fermentation and acetic acid food grade with a maximum of 25% acetic acid

UN "Model Regulation":

Void

## SECTION 15: Regulatory information

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

TSCA (Toxic Substances Control Act):

None of the ingredients is listed.

Proposition 65

PROP.65 Chemicals known to cause cancer:

None of the ingredients is listed.

PROP.65 Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

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· PROP.65 Chemicals known to cause reproductive toxicity for males:

*None of the ingredients is listed.*

· Philippines Inventory of Chemicals and Chemical Substances

*None of the ingredients is listed.*

· Chinese Chemical Inventory of Existing Chemical Substances

*None of the ingredients is listed.*

· Australian Inventory of Industrial Chemicals

*None of the ingredients is listed.*

· Canadian Domestic Substances List (DSL)

*None of the ingredients is listed.*

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

*see Chapter 2*

· Directive 2012/18/EU

· Named dangerous substances - ANNEX I

*None of the ingredients is listed.*

· Seveso category

*not applicable*

· REGULATION (EU) 2019/1021 on persistent organic pollutants (POP)

*None of the ingredients is listed.*

· LIST OF SUBSTANCES SUBJECT TO AUTHORISATION (ANNEX XIV)

*None of the ingredients is listed.*

· Regulation (EU) No 649/2012

*None of the ingredients is listed.*

· DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

*None of the ingredients is listed.*

· REGULATION (EU) 2019/1148

· Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

*None of the ingredients is listed.*

· Annex II - REPORTABLE EXPLOSIVES PRECURSORS

*None of the ingredients is listed.*

· Regulation (EC) No 273/2004 on drug precursors

*None of the ingredients is listed.*

· Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

*None of the ingredients is listed.*

· Information about limitation of use:

*Rubriques nomenclature/CPE (France):/  
Comply with applicable national regulations*· **15.2 Chemical safety assessment:***Not applicable  
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

*H314 Causes severe skin burns and eye damage.*

· Recommended restriction of use

*Not concerned*

· Department issuing SDS:

*-*

· Contact:

*voir Rubrique 1*

· Abbreviations and acronyms:

*Voir Rubrique 1**RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)**ATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (ATA)**ICAO: International Civil Aviation Organisation**ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)**ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)**IMDG: International Maritime Code for Dangerous Goods**ATA: 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)**DNEL: Derived No-Effect Level (UK REACH)**PNEC: Predicted No-Effect Concentration (UK REACH)**LC50: Lethal concentration, 50 percent**LD50: Lethal dose, 50 percent**PBT: Persistent, Bioaccumulative and Toxic**vPvB: very Persistent and very Bioaccumulative**Skin Corr. 1A: Skin corrosion/irritation – Category 1A*

· \* Data compared to the previous version altered.

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