

Item 1. Identification of the substance/mixture and of the company

1.1 Product Identifier

Substance name	: Carbonate de sodium
Désignation commerciale	: DOEU010. Soude en cristaux 500g « La droguerie écopratique® » DO005 Soude en cristaux 1kg « La droguerie écopratique® »
EINECS Number	: 207-838-8
CAS Number	: 497-19-8
Index number	: 011-005-00-2

1.2 Relevant Identified Uses of the Substance

Household and do-it-yourself uses: leaching paints, dissolving fats, detergents...

1.3 Renseignements concernant le fournisseur de la fiche de données de sécurité

Distributor :	
Name / Corporate name	: Ecodis
Address	: ZA Kerboulard 56250 St Nolff - FRANCE
Phone	: 00 33 2.97.48.40.59
Fax	: 00 33 2.97.45.50.14

1.4 Emergency telephone number

Rennes Poisons Centre	Téléphone : 00 33 2.99.59.22.22
ORFILA	Téléphone : 00 33 1.45.42.59.59

Item 2. Hazard Identification

2.1. Classification of the substance

Classification According to EU-GHS (EC) No. 1272/2008 : Eye Irrit. 2 H319
Complete texts of the hazard classes and H-phrases: see section 16

Adverse physico-chemical effects on human health and the environment : Causes severe eye irritation

2.2. Labelling elements

Labelling according to Regulation (EC) No 1272/2008 [CLP] The substance is classified and labelled according to the CLP Regulation.

Hazard pictograms (CLP) :



GHS07

Warning statement (CLP)	: Attention
Danger Phrases (CLP)	: H319 Causes severe eye irritation.
Precautionary statements (CLP)	: P264 Wash hands thoroughly after handling. P280 Wear protective gloves/protective clothing/equipment to prevent inhalation eye/face protection. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if the victim is wearing them and if they are not can be easily removed. Continue rinsing. P337 + P313 If eye irritation persists: seek medical attention.
Risk phrases	: R36 Irritating to eyes.
Security phrases	: S2 Keep out of the reach of children. S22 Do not breathe dust. S26 In case of contact with eyes, rinse immediately with plenty of water and soap consult a specialist.

Item 3. Composition/information on ingredients

3.1. Substances

Name	Product identifier	%	Classification according to the directive 67/548/CEE
Carbonate de sodium	(N° CAS) 497-19-8 (N° CE) 207-838-8 (N° index) 011-005-00-2 (N° REACH) 01-2119485498-19-0017	100	Xi ;R36
Name	Product identifier	%	Classification according to the regulations (CE) N° 1272/2008 (CLP)
Carbonate de sodium	(N° CAS) 497-19-8 (N° CE) 207-838-8 (N° index) 011-005-00-2 (N° REACH) 01-2119485498-19-0017	100	Eye Irrit. 2, H319

Full text of H-phrases: see section 16

3.2. Mixtures

Not applicable

Item 4. First Aid

4.1. Description of first aid

General First Aid	: Remove clothing soiled by the product without delay. In all cases of doubt, or if symptoms persist, seek medical attention. Never administer anything through the mouth to an unconscious person.
Eye contact	: Wash with plenty of clean, fresh water for 15 minutes, holding eye open. Eyelids apart. Remove contact lenses if the victim is wearing them and if they can be removed. be easily removed. Continue rinsing. In case of persistent irritation, consult an ophthalmologist.
After skin contact	: Beware of product that may remain between skin and clothing, watches, shoes, belts, etc. shoes. Wash skin thoroughly with soapy water.
Ingestion	: If swallowed, rinse mouth with water (only if the person is conscious). Do not give anything to eat or drink. Do not induce vomiting. Seek medical attention. If possible show this card. Otherwise show the packaging or label.
First aid after inhalation	: In case of inhalation, transport patient to fresh air and keep warm and at rest. Consult a physician if irritation persists.

4.2. Main acute and delayed symptoms and effects

Symptoms/Effects After Eye Contact : May cause severe irritation.

4.3. Indication of any immediate medical care and special treatment required

No further information available

Item 5. Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media : All extinguishing agents can be used

Unsuitable extinguishing media : None

5.2. Special hazards arising from the substance or mixture

Non-combustible, non-flammable

5.3. Advice for firefighters

Special protection equipment for stakeholders : Appropriate protective equipment with self-contained breathing apparatus.

Special Instructions : Containing and Containing Extinguishing Fluids

Specific risk of exposure in the event of a fire : A fire will often produce thick black smoke. Exposure to decomposition products can pose health risks. Do not breathe the fumes. In the event of a fire, carbon monoxide (CO) and carbon dioxide (CO₂) can form.

Item 6. Measures to be taken in the event of accidental release

6.1. Personal precautions, protective equipment and emergency procedures

For non-rescue workers : Emergency procedures: Avoid contact with the skin and eyes. Do not breathe the dust. Prevent or limit dust formation and dispersal. In the event of a major spill: Limited to qualified personnel with appropriate protections.

For first responders : Protective equipment: Do not intervene without proper protective equipment. For more information, see section 8: "Control of exposure-individual protection."

6.2. Precautions to be taken for the environment

Contain and contain the application. Do not drain into sewers and rivers.

6.3. Methods and equipment for containment and clean-up

For retention: Mechanically pick up the product by suction and/or swipe.
Cleaning procedures: Wash the contaminated area with high water.
Other information: Eliminate subjects in accordance with current regulatory requirements

Item 7. Handling and Storage

7.1. Precautions for safe handling

Precautions for safe handling : Prevent or limit formation and dispersal of dust. Capture the dust at its point of emission.

Hygiene measures : Do not drink, eat or smoke in the workplace. Wash hands after handling handling.

7.2. Conditions for safe storage, including possible incompatibilities

Technical measures : Take all necessary measures to avoid accidental release of the product into the environment. The use of the product in sewers and watercourses in the event of breakage of containers or transfer systems.

Storage conditions : Store in original packaging. Keep container tightly closed and in a cool, dry place. well-ventilated. Store in a dry place. Caution: Limited storage time.

Fire Prevention : Acids

Storage class : Prohibit access to unauthorized persons.

Item 8. Exposure controls / personal protection

8.1. Control parameters

Components with threshold values to be monitored per workstation :

- Total dust : VME = 10 mg/m³
- Respirable dust : 5 mg/m³

8.2. Exposure controls

Appropriate technical controls : Ensure good ventilation of the workstation. Emergency eyewash and showers safety devices must be installed near any place where there is a risk of exposure.

Hand protection : Chemical-resistant gloves (according to NF EN 374 or equivalent). Vinyl. Nitrile rubber. Neoprene. Natural rubber. Latex

Eye protection : Safety glasses. Face shield. (EN 166)

Skin and body protection : Protective clothing

Respiratory protection : If ventilation is adequate, respiratory protection is not required. In case of insufficient ventilation, wear suitable respiratory equipment. (EN 149). Mask Dust proof FFP1.

Item 9. Chemical and physical properties

9.1. Information on essential physical and chemical properties

Appearance : Hygroscopic powder

Molar weight : 106g/mol

Color : White

Odor : Odourless

Flash point : Non-flammable

Flammability : Non-flammable

Oxidizing properties : None

pH : 11.2 (aqueous solution 1g/ml)

Melting temperature : 851°C

Boiling temperature	: 1600°C
Density	: > 1
Water solubility	: 71 g/l at 0°C and 215 g/l at 20°C
Density	: 0.56 - 1.01 kg/dm ³ (at 20°C)

9.2. Other information

Other properties : Tendency to caking (setting) under the action of heat and/or in the presence of moisture. Apparent density: 0.56-1.01 kg/dm³. (Unpacked product – next rank). Particle size: 0.06 - 2 mm.

Item 10. Stability and reactivity

10.1. Reactivity

May decompose on contact with : Strong acids.

10.2. Chemical stability

Stable at room temperature and under normal conditions of use.

10.3. Possibility of dangerous reactions

In contact with an acid gives off: Carbon dioxide. Exothermic reaction with water.

10.4. Conditions to avoid

Moisture and dust formation. Dust can form an explosive mixture with air.

10.5. Compatible materials

Acids. Attacks many metals in the presence of water or moisture.

10.6. Hazardous decomposition products

Carbon Dioxide

Item 11. Toxicological Information

11.1. Information on toxicological effects

Acute Toxicity	: Not Classified (Based on available data, classification criteria are not filled) LC50 (rat - 4h) = 4090 mg/kg LD50 oral rat 2800 mg/kg Dermal LD50 rabbit > 2000 mg/kg (EPA 16 CFR 1500.40) LC50 inhalation rat 2.3 mg/l/2h (OECD 403)
Corrosion / Skin Irritation	: Not classified
pH	: 11.2
Additional information	: (OECD Method 404) Severe eye damage/eye irritation: Causes severe eye irritation. pH: 11.2
Respiratory or Skin Sensitization	: Not Classified
Germ Cell Mutagenicity	: Not Classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific Target Organ Toxicity (single exposure)	: Not Classified
Specific Target Organ Toxicity (Repeated Exposure)	: Not Classified
Aspiration hazard	: Not classified

Item 12. Ecological information

General information	: Prevent contact with soil, water, sewage.
Toxicity	: Fish: LC50 (96h) = 300-320 mg/l (Bluegill Sunfish) Daphnia: EC50 (48h) = 200-227 mg/l (Daphnia Dubia) - EC50 (48h) = 347 mg/l (Daphnia magna)

Item 13. Disposal Considerations

Product	: Disposal with normal waste is not allowed: Disposal in accordance with the local regulations concerning paints and solvents.
Packaging	: Return empty, dry containers to the sorting centre for recycling.

Item 14. Transport information

Ground Transportation : Not submitted
Maritime transport : Not submitted
Air Transportation : Not submitted

Item 15. Regulatory information

No restrictions according to Annex XVII of REACH
Sodium carbonate is not on the REACH Candidate List
Sodium carbonate is not listed in Annex XIV of REACH.

Labelling according to EU regulations

Code letter, hazard symbol : Xi - Irritant
Risk phrases : R36 Irritating to eyes.
Safety phrases : S2 Keep out of the reach of children.
S22 Do not breathe dust.
S26 In case of contact with eyes, rinse immediately with plenty of water and consult a specialist.

Item 16. Other information

This sheet supplements the technical instructions for use but does not replace them. The information given corresponds to the current state of our supplier's knowledge and experience of the product and is not exhaustive. It applies to the product as is, in accordance with the specifications, unless otherwise stated. In the case of combinations or mixtures, ensure that no new hazards can arise. It in no way exempts the user of the product from complying with all laws, regulations and administrative texts relating to the product, safety, hygiene and the protection of human health and the environment.