

Regulation (EC) nº 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) – Annex II: Requirements for the compilation of safety data sheets

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1. Product identification**

NAME OF THE PRODUCT: **BICARBONATE OF SODA**

CAS Nº: 144-55-8

CE Nº: 205-633-8

REACH REGISTRATION Nº: 01-2119457606-32-XXXX

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

Product use: Intended for application in the home and industry. Excellent cleaner and odor neutralizer.

Uses advised against: Not known.

1.3. Details of the supplier of the safety data sheet

Company's name: Nortem Chem S.L.

Address: C/ Alexander Humboldt Nº12, 11500 El Puerto de Santa María, Cádiz.

Number phone: 0034 856 925 095

E-mail: elpuerto@nortemchem.com

1.4. Emergency telephone number

Emergency telephone number: 0034 856 925 095

Timetable (Monday - Friday): from 09:00 am to 18:00 pm

SECTION 2: HAZARDS IDENTIFICATION**2.1. Classification of the substance or mixture**

The substance is not classified as dangerous according to Regulation (EC) No. 1272/2008.

2.2. Label elements

Not applicable.

2.3. Other hazards

PBT: this substance is not PBT / vPvB

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**3.1. Substances**

Not applicable.

3.2. Mixture

Not applicable.

SECTION 4: FIRST AID MEASURES**4.1. Description of first aid**

General advice: no special precautions are required.

If inhaled: Move to fresh air. If symptoms persist, call a physician.

In case of eye contact: Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.

In case of skin contact: Wash off with soap and water.

If swallowed: Rinse mouth with water.

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

Not applicable.

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

Not applicable.

SECTION 5: FIREFIGHTING MEASURES**5.1. Extinguishing media**

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Not flammable.

Extinguishing media which must not be used: None.

5.2. Special hazards arising from the substance or mixture

Specific hazards: Not combustible.

Specific hazards during firefighting: Not applicable.

5.3. Advice for firefighters

Protection of first-aider: Protect with an individual respiratory equipment.

Specific methods: Use personal protection equipment.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1. Personal precautions, protective equipment and emergency procedures**

Personal precautions: Avoid dust formation. Avoid inhalation of dust.

6.2. Environmental precautions

Precautions: Prevent large amounts from getting into the drain.

6.3. Methods and material for containment and cleaning

Cleaning procedure: The spillage can be cleaned manually, with sweep or vacuum.

6.4. Reference to other sections

See sections 8 and 13 of this SDS.

SECTION 7: HANDLING AND STORAGE**7.1. Precautions for safe handling**

Advice on safe handling: Avoid dust formation. Avoid inhalation of dust.

Advice to avoid the creation of new risks for health and the environment: Not applicable. There are no special health and environmental risks.

Advice on general hygiene measures: Wash hands after each use. Avoid contact with eyes.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures/ Storage conditions: Store in the original container in a cool, dry place protected from light.

Incompatible products: Keep away from strong acids.

7.3. Specific end use(s)

Specific use: Intended for application in the home and industry. Excellent cleaner and odor neutralizer.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**8.1. Control parameters**

Occupational exposure limits: Not required.

8.2. Exposure controls

Appropriate engineering controls: Provide appropriate exhaust ventilation at places where dust is formed.

Individual protection measures:

Respiratory protection: Use only respiratory protection that conforms to international/ national standards. Respirator with a vapour filter (EN 141). Recommended Filter type: P2.

Eye protection: Goggles.

Hands/ Skin protection: Wear suitable gloves.

Environmental exposure controls:

Dispose in accordance with local and national regulations.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	White Powder
Odor	Odorless
Olfactory threshold	N/A*
pH	8.4 (25 °C)
Melting point / freezing point	> 500 °C
Initial boiling point / boiling range	>50 °C
Flash point	N/A
Evaporation Rate	It does not evaporate
Flammability (solid, gas)	Non flammable
Upper / lower flammability or explosive limits	N/A
Vapor pressure	N/A
Vapour density	-
Density	≥ 2.21 - ≤ 2.23 g/cm ³ (20 °C)
Solubility(ies)	93.4 – 108.8 g/L
Partition coefficient: n-octanol/water	-
Auto-ignition temperatura	N/A
Decomposition temperatura	It does not decompose
Viscosity	-
Explosive Properties	It does not explode
Oxidizing properties	Non-oxidising

* N/A: Not apply.

9.2. Other data

Not required.

SECTION 10: STABILITY AND REACTIVITY**10.1. Reactivity**

Does not decompose under the storage conditions indicated.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Conditions to avoid: Humidity and environmental heat can cause caking of the product.

10.5. Incompatible materials

Incompatible with strong acids. Avoid humidity.

10.6. Hazardous decomposition products

Does not decompose under the storage conditions indicated.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects**

Hazard class that applies to this product: Not applicable.

Acute toxicity: Oral (mouse): LD50 = 4000 mg/Kg

Inhalation (rat): LC50 > 4.74 mg/l

Dermal (rat): Studies not necessary for scientific reasons.

Skin corrosion or irritation: Does not irritate the skin (rabbit).

Serious eye damage or eye irritation: Does not irritate the eyes (rabbit).

Sensitization: Studies not necessary for scientific reasons.

Mutagenicity: Not considered mutagenic.

Carcinogenicity: Not considered carcinogenic.

Reproductive toxicity: It is not considered toxic for reproduction.

Specific exposure limit for single organs (STOT) - single exposure: Not applicable.

Specific exposure limit (STOT) - repeated exposure: Not applicable.

Aspiration hazard: Not applicable.

SECTION 12: ECOLOGICAL INFORMATION**12.1. Toxicity**

Crustaceans, *Daphnia magna*, EC50, 48 hours, 4100 mg/l.

Crustaceans, *Daphnia magna*, NOEC, 48 hours, 3100 mg/l.

Fish, *Lepomis macrochirus*, LC50, 96 hours, 7100 mg/l.

Fish, *Lepomis macrochirus*, NOEC, 96 hours, 5200 mg/l.

Fish, *Oncorhynchus mykiss*, NOEC, 96 hours, 2300 mg/l.

12.2. Persistence and degradability

The methods for the determination of biological degradability are not applicable for inorganic substances.

12.3. Bioaccumulative potential

No bioaccumulation expected.

12.4. Mobility in soil

Does applicable. Inorganic compound.

12.5. Results of the PBT and vPvB assessment

This product is not considered to be persistent, bioaccumulable or toxic (PBT).

This product is not considered to be very persistent or very bioaccumulable (vPvB).

12.6. Other adverse effects

Maintaining the right management conditions should not expect ecological problems.

SECTION 13: DISPOSAL CONSIDERATIONS**13.1. Waste treatment methods**

Waste treatment of the product: Dispose in accordance with local regulations.

Treatment of packaging waste: Empty contaminated containers appropriately. They can be recycled as plastics after proper cleaning (rinse the container with water).

* Without special precautions.

SECTION 14: TRANSPORT INFORMATION

Non-dangerous goods for ADR, RID, ADN, IMDG and ICAO according to United Nations Standard Regulations.

14.1. UN Number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing Group

Not applicable.

14.5. Environmental hazards

Not applicable.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

SECTION 15: REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

- This Safety Data Sheet complies with Commission REGULATION (EC) 2015/830 amending REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
- The product placed in the market complies with the REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures – CLP.

15.2. Chemical safety assessment

Not considered a hazardous chemical.

SECTION 16: OTHER INFORMATION

The information provided in this safety data sheet is correct to the best of our knowledge at the time of its review. The information given only describes the products with respect to safety provisions and should not be considered as a warranty or specification of quality, nor constitute a legal relationship. The information contained in this safety data sheet applies only to the specific material indicated and may not be valid if used in combination with other products or in any process, unless otherwise specified in the text.

Hazard class	Not applicable.
Category of danger	Not applicable.
Hazard statements	Not applicable.
Word of warning	Not applicable.
Precautionary statements	Not applicable.