

**Information to be communicated to the public
on an establishment covered by the regime for the prevention of major
accidents involving dangerous substances**

(Estarreja site of Brenntag Portugal - Produtos Químicos, Lda.

Beduído e Veiros, Estarreja)

Why read this document?

This document provides the public with information on each establishment covered by the regime for preventing major accidents involving dangerous substances and limiting their consequences for human health and the environment and indicates where additional information can be obtained.

The occurrence of major accidents (e.g. fires, explosions, spills) related to the release of dangerous substances present in establishments can put the workers of those establishments and the surrounding population at risk and seriously affect the environment.

Decree-Law no. 150/2015, of August 5, establishes the obligations to be fulfilled by the operators of establishments to prevent hazards and limit the consequences of major accidents. This document thus aims to comply with the provisions of Article 30(1) of that law.

Who does the information come from?

The information presented is the responsibility of the establishment's operator. Part of the information - that which refers to the forms of warning, the self-protection measures to be adopted by the population in the event of an accident and the External Emergency Plan - is drawn up in conjunction with the City Council, particularly the Municipal Civil Protection Service.

A. General information

Establishment identification

Name commercial operator	<i>Brenntag Portugal - Produtos Químicos, Lda.</i>
Name of establishment	<i>Instalação de Estarreja</i>
Address of establishment	<i>Rua do Amoníaco Português 8, 3860-680</i>
Parish	<i>Beduído e Veiros</i>
Council	<i>Estarreja</i>

Framework of the establishment in the major accident prevention regime (Decree-Law no. 150/2015, of August 5)

Establishment covered by the lower level	<i>X</i>
Establishment covered by the top level	

Provisions in the major accident prevention regime

Communication (article 14 of Decree-Law no. 150/2015, of August 5)

Date of submission of notification/communication	<i>10/06/2024</i>
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Inspection (article 35 of Decree-Law no. 150/2015, of August 5th)

Date of the last inspection by IGAMAOT (General Inspection of Agriculture, Sea, Environment and Spatial Planning) to verify compliance with Decree-Law no. 150/2015, of August 5	<i>Not realized</i>
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B. Description of the establishment and measures to deal with major accidents involving dangerous substances

Description, in simple terms, of the activities carried out in the establishment

Brenntag Portugal - Produtos Químicos, Lda. has a facility in Estarreja dedicated essentially to the distribution of chemical products (reception, storage, filling and dispatch), dilution of chemical products and also to the production of specialties and mixtures, namely biocidal and disinfectant products (reception and storage of raw materials, mixing, packaging filling and dispatch).

The Brenntag Portugal site in Estarreja is located at Rua do Amoníaco português, no. 8, in the parish of Beduído e Veiros, in the municipality of Estarreja. The surrounding area is made up of other industries, namely Bondalti Chemicals and the Baía do Tejo Industrial Park.

Briefly, the establishment consists of an industrial building with an administrative area, a warehouse area, changing rooms and a laboratory, as well as an outdoor park with fixed reservoirs and two separate roof areas. Inside the industrial building, the warehouse area is

divided into the production area and the packaged product storage area, and in the production area there is a set of 6 mixers. These mixers are located in 3 different retention basins. In the rest of the area available inside the warehouse, there are shelves dedicated to storing raw material and finished product packaging. In the outdoor area, there is a set of reservoirs set in retention basins and two separate roof areas, separated by the fixed reservoirs. One of the sheds is used to unload the tanks into the fixed reservoirs and the other is used to fill the various types of packaging. Outside the industrial building there is also an open area where empty packaging is stored.

The substances are received by road (in tanks, bags and containers of various capacities, with a maximum unit capacity of 1m³) and the products are also shipped by road in heavy vehicles. Substances are loaded/unloaded on paved areas. A armazenagem das substâncias perigosas classificadas Seveso, é efetuada nos seguintes locais:

- Inside the industrial building in a dedicated area;
- In reservoirs contained in outdoor retention basins in the outdoor park.

The establishment has detection and intervention facilities and is paved. The industrial building, namely the main warehouse and the warehouse for packaged products, has overhanging drains. The bins in the production warehouse are connected to an underground collection tank, which is then forwarded to the effluent tank where it is then sent to tanks for treatment outside. The boxes in the packaged product warehouse are watertight and any spills are then transferred to a 1 m³ GRG. Both shed areas have a sloping floor, ensuring that any spillage is directed to the gutters. These in turn have a connection to the underground collection tank, which sends it to the effluent tank.

Most hazardous substances stored are dangerous to the environment, followed by flammable and toxic substances, and then combustible substances.

The Estarreja plant therefore carries out storage and manufacturing operations with the hazardous substance classified as SEVESO in safe conditions.

Main CAE ¹ code	46850 - Wholesale of chemical products
Other CAE codes	20130 - Manufacture of other basic inorganic chemicals 20151- Manufacture of chemical or mineral fertilizers and nitrogen compounds 20200 - Manufacture of pesticides, disinfectants and other agrochemical products 20411 - Manufacture of soaps, detergents and glycerine 52102 - Non-refrigerated storage

Hazardous substances in the establishment

Substances included in Part 1 of Annex I Decree-Law no. 150/2015, of August 5	Danger warnings
Section "H" - HEALTH HAZARDS	
H1 Acute toxicity	H310 (Acute Tox. 1)
H2 Acute toxicity	H300 (Acute Tox. 2), H310 (Acute Tox. 2), H301 (Acute Tox. 3), H331 (Acute Tox. 3)

Substances included in Part 1 of Annex I Decree-Law no. 150/2015, of August 5	Danger warnings
Section "P" - PHYSICAL HAZARDS	
P5c Flammable liquids	<i>H225 (Flam. Liq. 2), H226 (Flam. Liq. 3)</i>
P8 Oxidizing liquids and solids	<i>H272 (Ox. Sol. 2)</i>
Section "E" - HAZARDS TO THE ENVIRONMENT	
E1 Hazardous to the aquatic environment	<i>H400 (Aquatic Acute 1), H410 (Aquatic Chronic 1)</i>
E2 Hazardous to the aquatic environment	<i>H411 (Aquatic Chronic 2)</i>
Substances included in Part 2 of Annex I Decree-Law no. 150/2015, of August 5	Danger warnings
Mixtures* of sodium hypochlorite classified as category 1 acute toxicity to the aquatic environment (H400) containing less than 5% active chlorine and not classified in other hazard categories of Annex I, part 1.	<i>H410 (Aquatic Chronic 1); H411 (Aquatic Chronic 2)</i>

** Provided that the mixture in the absence of sodium hypochlorite is not classified as category 1 acute toxicity to the aquatic environment (H400).*

General information on how the public concerned will be warned in the event of a major accident and adequate information on the self-protection measures to be adopted by the population around the establishment.

In the event of an emergency, the Simplified Internal Emergency Plan is activated, in which the Emergency Coordinator will immediately inform the security forces and services required for immediate intervention and the Estarreja City Council of the occurrence, using the emergency numbers.

The Municipal Civil Protection Service of Estarreja Town Hall will inform the public concerned about what has happened and what self-protection measures should be adopted in the vicinity of the establishment.

(21-03-2025)

→ **Where can you get more information?**

About the establishment

Operator designation	<i>Brenntag Portugal - Produtos Químicos, Lda.</i>
Address of establishment	<i>Rua do Amoníaco Português 8, Beduído e Veiros 3860-680</i>
Phone number	<i>234245320</i>
Email	<i>brenntag@brenntag.com</i>
Website	<i>https://www.brenntag.com/pt-pt/</i>

→ How to warn the population and take self-protection measures in the event of an accident and how to draw up an External Emergency Plan.

City Council

Designation	<i>Câmara Municipal de Estarreja</i>
Address	<i>Praça de Francisco Barbosa 149, 3860-355 Estarreja</i>
Phone number	<i>234840600</i>
Email	geral@cm-estarreja.pt
Website	https://www.cm-estarreja.pt

→ On the implementation of Decree-Law 150/2015 of August 5

Portuguese Environment Agency | Environmental Assessment Department

geral [at] apambiente.pt

Rua da Murgueira, 9/9A - Zambujal Ap. 7585 | 2610-124 Amadora

Phone number 21 472 82 00

On the Portuguese Environment Agency's website:

www.apambiente.pt > Prevenção e Gestão de Riscos > Prevenção de Acidentes Graves

National Emergency and Civil Protection Authority

geral [at] prociv.pt

Av. do Forte em Carnaxide | 2794 - 112 Carnaxide

Phone number 21 424 71 00

→ On the inspection of the establishment under Article 35 of Decree-Law no. 150/2015, of August 5

General Inspection of Agriculture, Sea, Environment and Spatial Planning

igamaot [at] igamaot.gov.pt

Rua de O Século, n.º 51 | 1200-433 Lisboa

Phone number 21 321 55 00