

**Information to be communicated to the public
about facility covered by the major-accident prevention scheme involving
dangerous substances**

(H.B. Fuller Portugal Produtos Químicos S.A.)

Why read this document?

This document discloses to the public information relating to each facility covered by the major-accident prevention scheme involving dangerous substances and limiting their consequences for human health and the environment and also indicates where additional information can be obtained.

The occurrence of large-scale accidents (e.g. fires, explosions, spills) related to the release of dangerous substances present in facilities may endanger workers in these facilities and the surrounding population and seriously affect the environment.

Decree-Law 150/2015 of 5 August establishes the obligations to be fulfilled by operators of facilities in order to prevent hazards and limit the consequences of major accidents. This document therefore intends to comply with the provisions of paragraph 1 of article 30 of that law.

By whom is the information prepared?

The information presented is the responsibility of the operator of the facility. Part of the information - that refers to the forms of warning, the self-protection measures to be adopted by the population in case of an accident and the External Emergency Plan - is elaborated in articulation with the Municipal Council, in particular with the Municipal Civil Protection Service.

A. General Information

Facility Identification

Operator's commercial name /designation	H.B. Fuller Portugal - Produtos Químicos S.A.
Facility's designation	H.B. Fuller Portugal - Produtos Químicos S.A.
Facility's address	E.N nº13
Parish	Mindelo
County	Vila do Conde

Framework of the facility in the system of prevention of major accidents (Decree-Law no. 150/2015, of August 5)

Facility covered by inferior level	X
Facility covered by superior level	

Provisions under the Major Accident Prevention Scheme

Communication (Article 14 of Decree-Law No. 150/2015 of 5 August)

Date of notification/communication submission	2016-08-04
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Inspection (Article 35 of Decree-Law No. 150/2015 of 5 August)

Date of last inspection IGAMAOT (General Inspection of the Ministry of Environment, Spatial Planning and Energy and Agriculture and the Sea) to check compliance with the Decree-Law No. 150/2015, of August 5	2017-08-28
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B. Description of facility and measures to deal with major accidents involving dangerous substances

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

<p>H.B. Fuller is divided into three perfectly identifiable production areas, divided into three distinct industrial buildings:</p> <ul style="list-style-type: none">- resin production unit- aqueous base glue production unit - commonly known as white glues- production unit for solvent based adhesives and solvent mixture and production of hot melt adhesives. <p>There is also an area where the stock of raw materials is located, which supplies the units for the production of resins and the production of solvent glues.</p>
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To support the production of the three units there is an eco-center, where the WWTP is installed to treat the wastewater produced and to manage (separate and pack) the waste.

Main CAE ¹ code	20594 – Manufacture of other chemical products n.e
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Hazardous substances present in the facility

Substances included in Part 1 of Annex I to Decree- Law no. 150/2015 of 5 August	Hazard statements
Section «H» – HEALTH HAZARDS	
H2 Acute Toxicity	Dibutyltin dilaurate; Methyl alcohol; Desmodur DN; Tert-butyl- hydroperoxide; Desmodur RE; N-Methylacrylamide
Section «P» – PHYSICAL HAZARDS	
P5c Flammable Liquids	Cyclohexane; Styrene; Methyl Acrylate; Heptane; Methyl methacrylate acrylate; Toluene; Acetone; Hexane; Ethyl acrylate; Ethyl Acetate; Methyl ethyl ketone; Vinyl Acetate; Methacrylic Acid; SBP60 / 95; Nappar 6; Methyl alcohol; Butyl acetate ; Isopropyl Alcohol; Anone ; Desmodur RE; Desmodur RC; Dancoll 244-21; Acronal 500; Xylene; Butyl acrylate; Petrosol 15A 15/ 20; Tetrahydrofuran; Manufactured Glues
P6b Self-reactive substances and mixtures and organic peroxides	Tert-butylhydroperoxide
P8 Oxidizing Liquids and Solids	Potassium Persul fate; Ammonium Persulfate; Trichloroisocyanuric acid; Hydrogen Peroxide (35 %)
Section «E» – ENVIRONMENTAL HAZARDS	
E1 Dangerous for the aquatic environment	Cyclohexane; Anomia; SBP60 / 95; Zincoxide ; Nappar 6; Acticida L 10; Dibutyltin dilaurate; Male DS30216A; Acticida ICB5; Trichloroisocyanuric acid; Manufactured Glues
E2 Dangerous for the aquatic environment	Heptane; Hexane; NP9 stack; Veova; Tertbutylhydroperoxide; Manufactured Glues

General information on how the public concerned will be advised in the event of a major accident and adequate information on the self-protection measures to be taken by the population in the surroundings of the facility

Elements of the company shall inform the industries in the vicinity of the measures necessary to take in the event of an accident. If the company is closed the information will be given by the civil protection authority responsible for the response to the occurrence.

2018.09.06

¹ Portuguese Classification of Economic Activities, Revision 3, approved by Decree-Law no. 381/2007, of November 14, which constitutes the common framework for the classification of economic activities to be adopted at the national level.

Where can I get additional information?

→ About the facility

Operator's designation	<i>H.B. Fuller Portugal – Produtos Químicos S.A.</i>
Facility's address	<i>E.N. 13 – Mindelo</i>
Phone	<i>+ 351 229 288 350</i>
E-mail	ehs.mindelo@hbfuller.com
Website	www.hbfuller.com/en/campaign-pages/sustainability-resources-for-europe

→ About implementation of Decree-Law no. No. 150/2015, dated August 5

Portuguese Environment Agency | Department of Environmental Assessment

geral [at] apambiente.pt

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

Phone 21 472 82 00 | Fax 21 471 90 74

On the website of Agência Portuguesa do Ambiente: www.apambiente.pt >

Instrumentos > Prevenção de Acidentes Graves

National Civil Protection Authority

geral [at] prociv.pt

Av. do Forte em Carnaxide | 2794 - 112 Carnaxide

Phone 21 4247100 | Fax 21 4247180

→ About inspection to the facility in the scope of Article 35 of Decree-Law no. No. 150/2015, dated August 5

Inspection of Ministries of Environment, Spatial Planning and Energy and Agriculture and the Sea

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