



# FLAVOURED PASSATA "LA NAPOLETANA"

PET BOTTLE 540g

# Environmental Product Declaration

An EPD should provide current information, and may be updated if conditions change. The stated validity is therefore subject to the continued registration and publication at www.environdec.com.

This EPD is compliant with ISO 14025.

Programme: The International EPD® System, www.environdec.com

**Programme operator:** EPD International AB







# CPC CODE

2139 - Other prepared and preserved vegetables, pulses and potatoes



#### GEOGRAPHICAL SCOPE Europe



# PUBLICATION DATE

31-03-2021 REVISION DATE 09-11-2020 VALID UNTIL: 09-11-2025



**REV.** 0.0



**N° REG.** S-P-02613



VALIDATED
Environmental
Product Declaration









# 1. THE ENVIRONMENTAL PRODUCT DECLARATION

WHAT IS EPD (ENVIRONMENTAL PRODUCT DECLARATION)



The EPD (Environmental Product Declaration) is a document verified and registered that communicates transparent and comparable information about the environmental performance of a product evaluated

along its life cycle.

The Environmental Product Declarations take advantage of new market opportunities to inform consumers and stakeholders about the environmental performance of products and services. The peculiarities of the EPD translate into a series of advantages both for organizations that process declarations and for those who use the information contained in them.

The International EPD® System is the program for environmental declarations based on the ISO Standard 14025.



More information on www.environdec.com

#### WHAT ARE ITS CHARACTERISTICS

- OBJECTIVE. Environmental performance is calculated using the life cycle analysis methodology (Life Cycle Assessement, LCA), following the ISO 14040 series.
- **CREDIBLE.** The EPD is verified by a third-party body.
- COMPARABLE. EPDs belonging to the same product category are comparable since they are developed according to the same rules and requirements (PCR, Product Category Rules).

#### THE CERTIFICATION OF THE EPD PROCESS OF CONSERVE ITALIA



Conserve Italia has decided to certify the own internal elaboration process of the Environmental Declarations using a reliable and consolidated model of collection,

management and processing of data necessary for the realization of the LCA studies of the products subject to certification.

The Control System implemented by Conserve Italia has been verified by a third-party body, in order to certify that all the Environmental Declarations are performed in accordance with the requirements of the International EPD® System. Conserve Italia, having obtained a certification of the process EPD, can independently draw up the Environmental Product Declarations of its products.







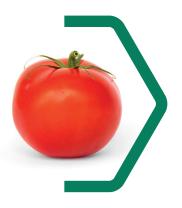






# 2. FLAVOURED PASSATA "LA NAPOLETANA"

Cirio Flavoured Passata "La Napoletana" are obtained only from selected tomatoes, using only tomatoes come from certified integrated production, harvested and processed on the same day.





NUTRITIONAL VALUES  Average values per 100g of product						
Energy	147 kJ - 35 kcal					
Fat	0,1g					
of which saturated	0,0g					
Carbohydrates 6,3g						
of which sugar	4,4g					
Fibre	1,1g					
Protein 1,2g						
Salt	0,35g					















#### Laurel leaf White celery Paprika Water Sieved Citric Bulk Onion **Tertiary** Salt **Primary** Secondary CONTENT (kg) Acid sugar powder powder flavour (kg) packaging packaging packaging tomatoes powder **DECLARATION** (kg) 1 BOTTLE 1.054 0.003 0.0003 0.0027 0.0027 0.0003 0.0003 0.0003 0.1163 0.026 0.004 0.027 1 KG 1.951 0,005 0,001 0,005 0,005 0,001 0,001 0,001 0,215 0,048 0,008 0,051

PACKAGING	Container size	Sell unit	Tray	Pack format
PET bottle with cap	540g	6	1	6X1

# 3. FLAVOURED PASSATA "LA NAPOLETANA"

With regard to the production process of sieved tomato, the fresh tomatoes are finely cut and the product is immediately blanched to inactivate the enzymes and thus avoid the degradation of the product while preserving its flavour and colour characteristics. Once this operation is completed, the shredded tomato passes into the purifying machines which eliminate seeds and skins and the product thus takes on a characteristic velvety appearance. Part of the water is allowed to evaporate in special concentrators (so much so that the puree can be defined as a partially concentrated tomato juice), with a minimal reduction of some nutritional properties, but with an increase in others (e.g. lycopene). The product is then bottled and pasteurized at a temperature above 85°C for a few tens of seconds. In this way, the product is stable and can be preserved over time without losing its original characteristics.













# 4. THE PRODUCT

Italy is the World's second biggest producer of tomatoes after the United States and the biggest exporting country of tomato based products.

Conserve Italia's plants, located in northern, central and southern Italy, process approximately 350,000 tonnes of tomatoes a year, obtaining the following products:

# **CONCENTRATED TOMATOES**

product obtained starting from tomato juice thermally processed and concentrated to reach different levels of concentration to obtain single, double or triple concentrate

# **SIEVED** TOMATOES

fresh tomatoes, sieved and slightly cooked to reduce the water content

**EPD** 

# PEELED TOMATOES

preserved tomatoes produced using plum shaped tomatoes in semi-concentrated juice with added salt

# CHOPPED

preserved tomatoes produced using fresh round variety tomatoes - peeled and chopped into pieces



sauces are finely chopped tomato pulp with added ingredients, such as olive oil, herbs and spices, vegetables, meat, etc, in order to prepare ready dressings for pasta







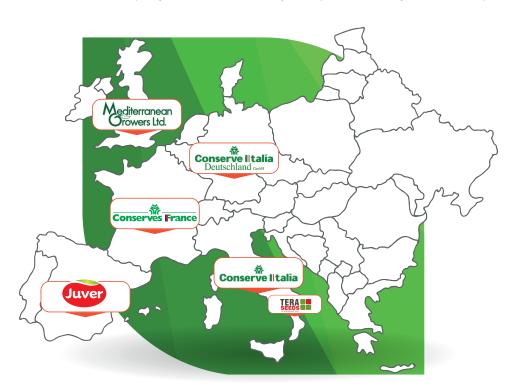






# 5. THE GROUP

Conserve Italia's legal personality is that of an agricultural co-operative and is the mother company to other subsidiary companies in Italy and in Europe.



# 6. THE MISSION





Conserve Italia represents
the leader industry in the
Italian field and it is ranked
among the leader European
companies (Source: Iri Audit
incl. discount A.T.
June 2013).

The mission statement of Conserve Italia is "to be a leader company in Europe in the sector of preserved foods to achieve the highest value on fruit and vegetables supplied by associated farmers and give to consumers, thanks to food chain control and own brands reliability, guarantees on quality and food safety".

The Group processes approximately

650.000

tonnes of raw materials every year; fruit, vegetables and tomatoes, grown over a surface area of over

20.000

hectares, which are processed in 12 production plants; 8 in Italy, 3 in France and 1 in Spain.













Conserve Italia Group's brand policy has always constituted one of the strategic guidelines and today the branded sales (Valfrutta, Yoga, Derby Blue, Cirio, Juver, St Mamet, Jolly Colombani) represent about 69% of the total turnover; the remaining business being made up of sales for modern retail commercial brands and products

for industry. Conserve Italia has developed a consolidated relationship with all the major retail chains; representing approximately 65% of its turnover. The Ho.Re.Ca. channel (Hotel, Restaurants and Cafés) is also an important channel, especially for beverages as well as for the Foodservice and Vending lines.











# 7. THE BRAND CIRIO

#### **ABOUT US**

Cirio has been the tomato specialist since 1856: an experience of 160 years that has made it one of the symbolic brands of Italian cuisine. Cirio, since 2004, has been part of the Conserve Italia Group, an Agricultural Cooperative Society whose social base is made up of over



who cultivate in open fields with integrated certified production systems. All the cultivation fields are near the factories where they are processed, packaged and distributed to guarantee their freshness.



#### **OUR CHARACTERISTICS**

Cirio uses tomatoes



and controls the entire supply chain; the quality is verified and certified at every stage of sowing, cultivation, processing, production in order to preserve the natural freshness of the harvest.

#### THE PLANTS

Conserve Italia directly manages seven plants in Italy, in Emilia-Romagna, in Tuscany and in Apulia. The plant at Pomposa in Ferrara, which was built between 2002-2004 has an overall surface area of 440,000 sq.m., of which approximately 120,000 covered, and a production capacity for the processing of over 350,000 tonnes of raw materials including tomatoes, vegetables and fruit. The plant is specialized in processing of sieved, chopped and concentrated tomatoes, fruit in syrup and vegetables in cans and glass jars.

The plants of Barbiano di Cotignola and Massa Lombarda (RA) are for processing fruit juices, nectars and fruit based drinks.

The Alseno (PC) plant is specialized in vegetables and sweet corn processing.
The plants in Ravarino (MO),
Albinia (GR) - EMAS - registered site (Reg.n. IT - 000826) - and Mesagne (BR) are dedicated to the production of tomato based products (sieved, chopped, concentrates and sauces).



Cirio Flavoured Passata "La Napoletana" – PET bottle 540g, object of the study, is produced in the plants at Massa Lombarda (RA).











# 8. ENVIRONMENTAL PERFORMANCE DECLARATION

# The declared unit is 1 kg of packaged product.

Specific data were collected on the plant for the year 2018.

# SYSTEM BOUNDARIES



#### **METHODOLOGY**

PRODUCTION OF PACKAGING MATERIALS



The methodology used in order to evaluate the environmental performance of the product is the Life Cycle Assessment (LCA), according to the ISO 14040-14044 standards. The goal of the LCA study is to evaluate the potential environmental impact associated to the production of Flavoured Passata "La Napoletana - PET bottle 540g



Air and water emissions caused by the use of nitrogen- and phosphorous-based fertilizers utilized by the system plant and for the cultivating operations have been calculated in accordance to PCR 2013:05 Arable Crops.



The Water Footprint Profile is calculated in accordance to ISO 14046 standard, through a Water Footprint Assessment integrated in the LCA study.



For the modeling of the electricity used in the processes, the supplier's specific residual mix for the reference year has been used. All life cycle phases were analyzed and accounted for in the study.

This EPD and further information about it are available on the website of the International EPD® System: www.environdec.com











# 9. PRODUCTION OF INGREDIENTS

# **UPSTREAM PROCESSES**







Production of packaging materials

# **CORE PROCESSES**



Production of Flavoured Passata "La Napoletana"

# **DOWNSTREAM PROCESSES**



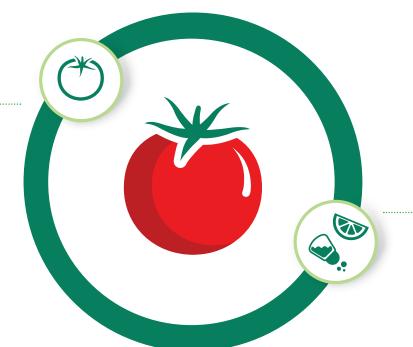
Distribution of finished product



Primary packaging end of life

# **TOMATOES**

Data collection relating to the cultivation phase is been included in a larger project called "Precision sustainable agriculture". Data on the yield of the cultivated product, on fertilizers, on the consumption of water and diesel for the processing of the land have been collected at representative companies for the various crops and for the geographical areas of membership of the agricultural cooperatives.



### **OTHER INGREDIENTS**

In the LCA study, all the ingredients present in the product and materials used in the cultivation phase have been modeled using data deriving from internationally recognized databases.













# 10. PRODUCTION OF PACKAGING

# **UPSTREAM PROCESSES**



of ingredients



Production of packaging materials

# **CORE PROCESSES**



Production of Flavoured Passata "La Napoletana"

# **DOWNSTREAM PROCESSES**





Primary packaging end of life

## **PRIMARY PACKAGING**

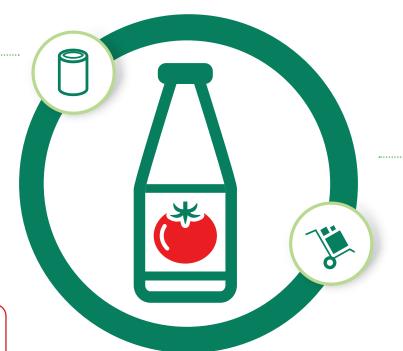
The primary packaging of the products, otherwise the packaging conceived to establish a sales unit at the point of sale for the end user or the consumer, is essentially made up from tinplate, glass, polylaminated or plastic. In the LCA study, the packaging materials were modeled using data from internationally recognized databases.

Conscious of the contribution of the food industry to production of packaging, Conserve Italia is constantly committed to minimize the weight and volume of packaging, by the limits necessary to guarantee the levels of safety, quality and acceptability of the product by the consumer.

Link utile http://www.ilfattoalimentare.it/sostenibilit.html



Conserve Italia has been working for years on the reductions of the weights of primary packaging to reduce its impact environmental with a view to continuous improvement



# ..TERTIARY PACKAGING

Tertiary packaging, otherwise the packaging conceived in order to facilitate manipulation and transport of the finished product, is chosen by Conserve Italy with sustainability criteria, such as durability, lightness and use of environmentally friendly materials. In particular, the pallets used by Conserve Italia are all multi-use and reusable packaging. Once the reuse is over, these pallets are 100% recyclable.











# 11. PRODUCTION OF FLAVOURED PASSATA "LA NAPOLETANA"

# **UPSTREAM PROCESSES**

Production

of packaging materials

# **CORE PROCESSES**



Production of Flavoured Passata "La Napoletana"

# **DOWNSTREAM PROCESSES**





of finished product

Primary packaging end of life

#### **PLANTS**

The production of the products of the Conserve Italia plants includes the following life cycle stages:

- 1. Preparation of the finished product (e.g. washing, mixing, heat treatments, ...) from fresh or semifinished product.
- 2. Packaging process.
- 3. Refrigerated storage (where applicable).

Production

of ingredients

4. Water purification.

Negli stabilimenti coinvolti vengono annualmente raccolti dati gestionali relativi all'anno di riferimento e successivamente riportati alla lavorazione del prodotto.

Nel seguito sono riportati i dati principali raccolti sugli stabilimenti coinvolti nella produzione dei prodotti

#### **ELECTRICITY**

The electrical consumption of the plants is one of the significant environmental aspects on which Conserve Italia has decided to act with energy efficiency measures and choosing suppliers that favour certain sources from renewable sources. In particular, all Valfrutta products on the market - fruit preserves (juices and nectars, fruit in syrup and jams), tomato preserves (pureed, pulp, peeled) and vegetable preserves (corn and legumes) - come from plants that for these processing lines use only certified electricity from renewable sources.

# GREENHOUSE GASES

Management data related to the reference year are collected annually at the plants involved and subsequently reported to the processing of the product. Below, the main data collected on the plants involved in the production of products are reported.



540g

#### WATER

In the Conserve Italia plants, the water resource is considered a primary resource to be protected and preserved. For this reason in all the plants actions and processes for the recovery of water and its purification are implemented. The percentage of water recovered in the production cycle guarantees on average a recovery rate> 33%, including the water resource which is used for the transport of fresh raw material up to the washing and cooking phase.













# 12. DISTRIBUTION

# **UPSTREAM PROCESSES**







Production of packaging materials

# **CORE PROCESSES**



Production of Flavoured Passata "La Napoletana"

# **DOWNSTREAM PROCESSES**



Distribution of finished product



Primary packaging end of life

Conserve Italia has created a network of logistic centres dedicated to storage and shipment of finished products, able to ensure quick and cost-saving transfers for the products up to the Distribution Centers of the modern distribution chains or to the distributors of the traditional channels operating in retail and in the Ho.re.ca.. The most important storage and shipping warehouses are highly automated and are placed near the processing plants or in strategic areas for sorting goods at European level.

**EPD** 



In addition to traditional road transport, multimodal transport has been developed, with the preparation of 5 special weekly trains, for transport on the lines northsouth, which today covers about 20% of shipments, outdoing the national average for rail transport.











# 13. DISPOSAL AND PACKAGING

# **UPSTREAM PROCESSES**



of ingredients



Production of packaging materials

**CORE PROCESSES** 



Production of Flavoured Passata "La Napoletana"

# **DOWNSTREAM PROCESSES**





Distribution of finished product

Primary packaging end of life

Conserve Italia uses as primary packaging for its products essentially tinplate, glass, polylaminated or plastic. All packaging used for Conserve Italia product, using materials that fall into the categories treated by CONAI (National Packaging Consortium), are 100% recyclable. CONAI in fact directs the activity and guarantees the results recovery of 6 Consortia of materials: steel (Ricrea), aluminum (Cial), paper/cardboard (Comieco), wood (Rilegno), plastic (Corepla), glass (Coreve).



540g

According to the final data for 2018 published in the Sustainability Report on the separate collection of plastic packaging, the data relating to packaging sent for recovery stands at 87.5% of plastic packaging released for consumption, of which 44, 5% sent for recycling, for a total of 1,019,544 tons (Source COREPLA).











# 14. RESOURCES USE

			UPSTREAM	CORE	DOWNSTREAM	
	ARAMETER rred to 1 kg of product	UNIT				TOTAL
Primary energy	Use as energy carrier	MJ net calorific value	0,756	0,238	0,059	1,053
resources	Used as raw materials	MJ net calorific value	0,305	0,018	0,016	0,339
Renewable	TOTAL	MJ net calorific value	1,061	0,257	0,074	1,391
Primary energy	Use as energy carrier	MJ net calorific value	6,036	6,791	4,174	17,002
resources	Used as raw materials	MJ net calorific value	0,809	0,004	0,011	0,825
Non-renewable	TOTAL	MJ net calorific value	6,846	6,795	4,185	17,826
Secondary material*		kg	0,011			0,011
Renewable secondar	ry fuels	MJ				
Non-renewable seco	ondary fuels	MJ				
Net use of fresh water	er	m³	0,068	0,004	0,001	0,072

<sup>\*</sup>Data refer to the use of recycled cardboard in secondary and tertiary packaging.











# 15. ENVIRONMENTAL IMPACTS

PARAMETER Data referred to 1 kg of product			UPSTREAM	CORE	DOWNSTREAM	
		UNIT	₾ 🍒		•••	TOTAL
	Fossil	kg CO <sub>2</sub> eq	0,332	0,398	0,304	1,034
Global warming	Biogenic	kg CO <sub>2</sub> eq	<0,001	<0,001	<0,001	0,001
potential (GWP)	Land use	kg CO <sub>2</sub> eq	0,001	<0,001	<0,001	0,001
	TOTAL	kg CO <sub>2</sub> eq	0,333	0,398	0,304	1,036
Acidification poter	ntial (AP)	kg SO <sub>2</sub> eq	0,002	0,001	0,001	0,004
Eutrophication por	tential (EP)	kg PO <sub>4</sub> 3-eq	0,001	<0,001	<0,001	0,001
Formation potentia	al of tropospheric ozone (POCP)	kg C <sub>2</sub> H <sub>4</sub> eq	<0,001	<0,001	<0,001	<0,001
Abiotic depletion p	ootential - Elements	kg Sb eq	<0,001	<0,001	<0,001	<0,001
Abiotic depletion p	potential - Fossil fuels	MJ Net calorific value	5,642	6,005	3,849	15,496
Water scarcity pote	ential	m³ eq	2,988	0,477	0,019	3,484











# 16. WASTE PRODUCTION AND OTHER INDICATORS

		UPSTREAM	CORE	DOWNSTREAM	
PARAMETER  Data referred to 1 kg of product	UNIT				TOTAL
Hazardous waste disposed	kg	<0,001	<0,001	<0,001	<0,001
Non-hazardous waste disposed	kg	0,033	0,020	0,194	0,248
Radioactive waste disposed	kg	<0,001	<0,001	<0,001	<0,001

PARAMETER Data referred to 1 kg of product	UNIT	UPSTREAM	CORE	DOWNSTREAM	
					TOTAL
Components for reuse*	kg		0,013		0,013
Material for recycling	kg				
Materials for energy recovery*	kg		0,046		0,046
Exported energy, electricity	MJ				
Exported energy, thermal	MJ				

<sup>\*</sup>Data refers to by-products used as soil improver and sent to biodigester.











OTHER INDICATORS		UPSTREAM	CORE	DOWNSTREAM	
	UNIT	<b>♦</b>			TOTAL
Land use (occupation)	m2a	8,571	-	-	8,571
Ecological footprint	m2a	0,991	1,025	0,843	2,859

WATER FOOTPRINT PROFILE		UPSTREAM	CORE	DOWNSTREAM	
	UNIT				TOTAL
Human toxicity	kg 1,4-DB eq	0,167	0,035	0,105	0,306
Fresh water aquatic ecotoxicity	kg 1,4-DB eq	0,110	0,029	0,067	0,205
Marine aquatic ecotoxicity	kg 1,4-DB eq	533,12	76,17	117,52	726,80
Terrestrial ecotoxicity	kg 1,4-DB eq	0,001	<0,001	<0,001	0,001
Acidification potential (AP)	kg SO <sub>2</sub> eq	0,002	0,001	0,001	0,004
Eutrophication potential (EP)	kg PO <sub>4</sub> <sup>3</sup> -eq	0,001	<0,001	<0,001	0,001
Water use	m³	0,068	0,004	0,001	0,072
Water scarcity potential	m³ eq	2,988	0,477	0,019	3,484











Flavoured Passata "La Napoletana"	UNIT	UPSTREAM	CORE	DOWNSTREAM	TOTAL
ECOLOGICAL FOOTPRINT	m2a	0,991	1,025	0,843	2,859
CARBON FOOTPRINT	kg CO <sub>2</sub> eq	0,333	0,398	0,304	1,036
WATER FOOTPRINT*	m³	0,068	0,004	0,001	0,072

\*WATER FOOTPRINT PROFILE - WATER USE











# 17. INFORMATIONS









#### RECYCLING OF PRIMARY PACKAGING



The primary packaging is a 100% recyclable material and it has to be directed to the waste separation procedures according to the rules of the pertaining municipalities.

#### **ETHICAL CODE**

Conserve Italia, within its activities, adopt the Ethical Code that outlines the basic principles of behavior of the company: pillars that lie on solid foundation of respect of law, honesty, transparency of information, quality and safety of products, responsibility towards community and environment.

### **PRODUCT CERTIFICATIONS**

The product object of the study is in compliance with BRC (British Retail Consortium) and IFS (International Food Standard) standards for safety, legality and quality of products.

Certified and guaranteed by CESI (Centro Elettrotecnico Sperimentale Italiano) for renewable origin, the energy used by Valfrutta processing is 100% renewable energy as stated by the label present in the packaging of all the products.



540g









# 18. CERTIFICATION BODY

EPD International AB, Box 210 60, SE-100 31 Stockholm, Sweden, E-mail: info@environdec.com

EPDs developed within the same product category but according to different programs may not be comparable.

Conserve Italia has the ownership and responsibility of this EPD.

Product category rules (PCR): Prepared and preserved vegetable and fruit products, including Juice. UN CPC 213, 214

PCR review was conducted by: The Technical Committee of the International EPD® System.

Chair: Adriana Del Borghi Contact via info@environdec.com.

Independent third-party verification of the declaration and data, according to ISO 14025:2006:

X EPD process certification

O EPD verification

Third party verifier: DNV GL Business Assurance

Signature of the third-party verifier

Accredited by: ACCREDIA

ACCREDIA Accreditation n.: 008H

Procedure for follow-up of data during EPD validity involves third party verifier:



# 19. REFERENCES

General Programme instructions for the International EPD® System, v.3.01

PCR 2019:10 v.1.01 UN CPC 213, 214 Prepared and preserved vegetable and fruit products, including juice

PCR 2013:05 v.2.0 UN CPC 011, 014, 017, 019 Arable Crops e databases

ISO 14046:2014 Environmental management – Water Footprint – Principles, requirements and guidelines

Database Ecoinvent v.3.4 (www.ecoinvent.org)

Life cycle assessment "EPD PROCESS LIFE CYCLE ASSESSMENT PRODOTTI CONSERVE ITALIA" Rev.11

COREVE 2019. Glass recycling data 2018 (https://coreve.it/coreve-nel-2018-continua-leccezionale-trend-di-crescita-della-raccolta-differenziata-delvetro/)

RICREA 2019. Steel recycling data 2018

IRI - Information Resources Srl. Iri Audit incl. discount A.T. June 2013











# 20. GLOSSARY

#### **ACIDIFICATION POTENTIAL (AP)**

drop in pH of soils, lakes, forests, due to air emissions of acidifying compounds, with harmful effects on living organisms, e.g. "acid rains".

#### **ECOLOGICAL FOOTPRINT**

the Ecological Footprint is a complex indicator that measures the biologically productive area of the sea and of land necessary to regenerate the resources consumed by a human population and to absorb the waste produced from the consumption of fossil and nuclear fuels. It is expressed in soil use over time (m2a)

# GLOBAL WARMING POTENTIAL (GWP100)

years, due to emissions and absorptions attributable to humans, such as carbon dioxide (CO2), methane (CH4), nitrous oxide (N2O), etc.

# EUTROPHICATION POTENTIAL (EP)

reduction in dissolved oxygen levels in water media with collapse of fish and other aquatic species due to excess addition of large quantities of mineral nutrients such as nitrogen and phosphorous and subsequent dramatic increase in flora that feed on these nutrients.

# PHOTOCHEMICAL OZONE CREATION POTENTIAL (POCP)

formation of ozone at ground level due to air emissions of unburnt hydrocarbons and nitrogen oxides in presence of solar radiation. This phenomenon is harmful for living organisms and often present in large urban centres.

#### LAND USE

land use represents an impact on biodiversity. Biodiversity depends on the type of use of soil and dimensions of area. In this impact category both regional and local impacts are taken into consideration and the damage related to land use results from both conversion and occupation of soil. This damage is consequently expressed in m2a: "Land occupation recorded as. m2 times year per unit output".

#### LIFE CYCLE ASSESSMENT (LCA)

it is a technique - regulated by ISO 14040 standard - to quantify the energetic and environmental load of the life cycle of a product system, through the quantification of energy and material input and air, liquid, solid emissions released into the environment, from raw material extraction to disposal of final waste.

### TOXICITY

the toxicity can be expressed as human toxicity, fresh water aquatic toxicity, marine aquatic toxicity, terrestrial toxicity. The ETP (Eco-Toxicity Potential) is expressed with reference to a compound, i.e. 1,4-diclorobenzene (1,4 DCB). Therefore the unit is kg 1,4-DB eq.

#### **FUNCTIONAL UNIT**

it is a measure of the function of the studied system and it provides a reference to all the results presented in the EPD. This enables comparison of data presented in two or more EPD related to products within the same category, i.e. pertaining to the same PCR.

#### WATER FOOTPRINT (WF)

it is an indicator to quantify the potential impact related to water, calculated - in accordance to ISO 14046 standard - through a water footprint assessment based on a LCA study. The results of the water footprint assessment are represented by an impact indicators profile (water footprint profile).

#### **WATER SCARCITY (AWARE)**

Indicator that represents the equivalent volume of water consumed proportionate to the water availability of the individual countries.











# Contact persons for the Environmental Product Declaration:



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