

# Dibutyl phthalate (DBP) [EC 201-557-4. CAS 84-74-2]

## Downstream user notifications of REACH authorised uses

This worksheet lists notifications under Art 66 of REACH made to ECHA **by 31 December 2019**.

Where a company has updated its notification in the meantime, the information displayed is as of 27 January 2020.

Fields marked with an asterisk are optional for companies to provide. NA = Not Available / Not Applicable

Notification date	Latest update	Downstream user's name	Site country	Site address	Authorised use name	Typical annual quantity (t/y)*	Brief additional description of use*	Substitution activities*	Status	Reason for inactivation
30/05/2016	03/06/2016	Nitrochemie Aschau GmbH	Germany	Liebigstrasse 17 84544 Aschau am Inn	Use of DBP in propellants: Formulation: industrial use of DBP as a burning rate surface moderant, plasticiser and/or coolant in the formulation of nitrocellulose-based propellant grains; Use at industrial site: Industrial use of DBP-containing propellant grains in manufacture of ammunition for military and civilian uses, and pyrocartridges for aircraft ejection seat safety systems (includes propellants for police force ammunition and excludes propellants intended for manual, private reloading of ammunition cartridges by civilian users, i.e., licensed individual sports shooters and hunters. No consumer use of DBP or its mixtures is covered by this use)	0.01 - 0.1	NA	NA	ACTIVE	NA
05/07/2016	-	CeramTec GmbH	Germany	CeramTec-Platz 1-9 73207 Plochingen	Industrial use of DBP in ceramic sheets and printing pastes for production of capacitors and lambda sensor elements	1 - 10	NA	NA	Authorisation Expired	NA
12/08/2016	12/08/2016	ARSENAL JSCo.	Bulgaria	100 Rozova Dolina 6100 KAZANLAK St. Zagora	Use of DBP in propellants: Formulation: industrial use of DBP as a burning rate surface moderant, plasticiser and/or coolant in the formulation of nitrocellulose-based propellant grains; Use at industrial site: Industrial use of DBP-containing propellant grains in manufacture of ammunition for military and civilian uses, and pyrocartridges for aircraft ejection seat safety systems (includes propellants for police force ammunition and excludes propellants intended for manual, private reloading of ammunition cartridges by civilian users, i.e., licensed individual sports shooters and hunters. No consumer use of DBP or its mixtures is covered by this use)	1 - 10	NA	NA	ACTIVE	NA

31/08/2016	-	SIMMEL DIFESA SPA	Italy	Via Ariana km 5,2 00034 Colferro (Rome)	Use of DBP in propellants: Formulation: industrial use of DBP as a burning rate surface moderant, plasticiser and/or coolant in the formulation of nitrocellulose-based propellant grains; Use at industrial site: Industrial use of DBP-containing propellant grains in manufacture of ammunition for military and civilian uses, and pyrocartridges for aircraft ejection seat safety systems (includes propellants for police force ammunition and excludes propellants intended for manual, private reloading of ammunition cartridges by civilian users, i.e., licensed individual sports shooters and hunters. No consumer use of DBP or its mixtures is covered by this use)	1 - 10	NA	NA	ACTIVE	NA
02/02/2017	09/01/2019	Norma Precision AB	Sweden	Jägargatan 1 SE-67040 Åmotfors	Use of DBP in propellants: Formulation: industrial use of DBP as a burning rate surface moderant, plasticiser and/or coolant in the formulation of nitrocellulose-based propellant grains; Use at industrial site: Industrial use of DBP-containing propellant grains in manufacture of ammunition for military and civilian uses, and pyrocartridges for aircraft ejection seat safety systems (includes propellants for police force ammunition and excludes propellants intended for manual, private reloading of ammunition cartridges by civilian users, i.e., licensed individual sports shooters and hunters. No consumer use of DBP or its mixtures is covered by this use)	0.01 - 0.1	NA	NA	INACTIVE	No demand for the product made with the use of the substance
07/02/2017	21/01/2019	Robert Bosch GmbH	Germany	Robert Bosch Platz 1 70839 Gerlingen- Schillerhöhe	Industrial use of DBP in ceramic sheets and printing pastes for production of capacitors and lambda sensor elements	0.1 - 1	NA	NA	Authorisation Expired	No demand for the product made with the use of the substance

31/05/2017	-	Explosia a.s.	Czech Republic	Semtín 107 530 02 Pardubice -	Use of DBP in propellants: Formulation: industrial use of DBP as a burning rate surface moderant, plasticiser and/or coolant in the formulation of nitrocellulose-based propellant grains; Use at industrial site: Industrial use of DBP-containing propellant grains in manufacture of ammunition for military and civilian uses, and pyrocartridges for aircraft ejection seat safety systems (includes propellants for police force ammunition and excludes propellants intended for manual, private reloading of ammunition cartridges by civilian users, i.e., licensed individual sports shooters and hunters. No consumer use of DBP or its mixtures is covered by this use)	NA	NA	NA	ACTIVE	NA
31/05/2017	09/01/2019	Sellier Bellot J.S.C.	Czech Republic	Lidicka 667 258 13 Vlasim -	[CONFIDENTIAL INFORMATION]	1 -10	manufacture of ammunition	In some types of ammunition the smokeless powders containing DBP has been already substituted. But for some types of ammunition have not been found yet adequate compensation for smokeless powders without DBP. But for some types of ammunition have not yet been found adequate compensation for smokeless powders. The search for substitution for DBP smokeless powders is still the subject of research and development.	ACTIVE	NA
02/06/2017	-	Nu Plastall Kamper Verf en Lakfabriek	Netherlands	Energiestraat 5 8262AG Kampen	Use of DBP as an absorption solvent in a closed system in the manufacture of maleic anhydride	NA	NA	NA	ACTIVE	NA

02/06/2017	-	Nu Plastall Kamper Verf en Lakfabriek	Netherlands	Energiestraat 5 8262AG Kampen	Use of DBP in propellants: Formulation: industrial use of DBP as a burning rate surface moderant, plasticiser and/or coolant in the formulation of nitrocellulose-based propellant grains; Use at industrial site: Industrial use of DBP-containing propellant grains in manufacture of ammunition for military and civilian uses, and pyrocartridges for aircraft ejection seat safety systems (includes propellants for police force ammunition and excludes propellants intended for manual, private reloading of ammunition cartridges by civilian users, i.e., licensed individual sports shooters and hunters. No consumer use of DBP or its mixtures is covered by this use)	NA	NA	NA	ACTIVE	NA
02/06/2017	-	Nu Plastall Kamper Verf en Lakfabriek	Netherlands	Energiestraat 5 8262AG Kampen	Industrial use of DBP in ceramic sheets and printing pastes for production of capacitors and lambda sensor elements	NA	NA	NA	Authorisation Expired	NA
25/07/2017	-	AGENZIA INDUSTRIE DIFESA- STABILIMENTO MILITARE PROPELLENTI	Italy	Corso Trieste, 1 03035 FONTANA LIRI (FR)	Use of DBP in propellants: Formulation: industrial use of DBP as a burning rate surface moderant, plasticiser and/or coolant in the formulation of nitrocellulose-based propellant grains; Use at industrial site: Industrial use of DBP-containing propellant grains in manufacture of ammunition for military and civilian uses, and pyrocartridges for aircraft ejection seat safety systems (includes propellants for police force ammunition and excludes propellants intended for manual, private reloading of ammunition cartridges by civilian users, i.e., licensed individual sports shooters and hunters. No consumer use of DBP or its mixtures is covered by this use)	0.1 - 1	NA	NA	ACTIVE	NA
21/02/2018	21/02/2018	Nammo Sweden AB - Karlsborg	Sweden	Fabriksvägen 1 54623 Karlsborg NA	The use of DBP in propellants:  Formulation: industrial use of DBP as a burning rate surface moderant, plasticiser and/or coolant in the formulation of nitrocellulose-based propellant grains;  Use at industrial site: Industrial use of DBP-containing propellant grains in manufacture of ammunition for military and civilian uses, and pyrocartridges for aircraft ejection seat safety systems (includes propellants for police-force ammunition and excludes propellants intended for manual, private reloading of ammunition cartridges by civilian users, i.e., licensed individual sports shooters and hunters. No consumer use of DBP or its mixtures is covered by this use)	0.1 - 1	DBP is part of the powder (PBC-749) we are using in one of the cartridge types we are manufacturing for military customers.	Work is on-going to switch to REACH compliant powder.	ACTIVE	NA

09/04/2018	03/12/2018	AVX Limited	United Kingdom	Hillmans Way BT52 2DA Coleraine NA	Industrial use of DBP in ceramic sheets and printing pastes for production of capacitors and lambda sensor elements	> 1000	AVX Ltd are manufacturers of multi-layer ceramic capacitors (MLCC's). Dibutyl phthalate is used as a plasticiser in the manufacture of ceramic sheets which are used in the production of the MLCC's.	AVX Ltd have implemented a substitution programme with a potential alternative material, Pycal 94. Rigorous testing and customer re-qualification requirements must be met for the transition to this alternative to be successful. AVX Ltd wish to preserve their high reliability product markets, and the steps to implement an alternative and to allow contingency time, indicate that 7 years from the February 2019 expiration of the current authorisation will be required.	Authorisation Expired	NA
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## Aggregate of staff exposed per authorised uses

This worksheet presents an aggregate number of staff exposed per authorised uses based on the notifications made to ECHA under Art 66 of REACH **by 31 December 2019**.

Where a company has updated its notification in the meantime, the information displayed is as of 27 January 2020.  
Fields marked with an asterisk are optional for companies to provide. NA = Not Available / Not Applicable

<i>Authorised use name</i>	<i>Number of notifications</i>	<i>Number of notification with the information available</i>	<i>Range of staff exposed</i>
Use of DBP as an absorption solvent in a closed system in the manufacture of maleic anhydride	1	0	NA
The use of DBP in propellants:  Formulation: industrial use of DBP as a burning rate surface moderant, plasticiser and/or coolant in the formulation of nitrocellulose-based propellant grains;  Use at industrial site: Industrial use of DBP-containing propellant grains in manufacture of ammunition for military and civilian uses, and pyrocartridges for aircraft ejection seat safety systems (includes propellants for police-force ammunition and excludes propellants intended for manual, private reloading of ammunition cartridges by civilian users, i.e., licensed individual sports shooters and hunters. No consumer use of DBP or its mixtures is covered by this use)	9	6	200 - 240
Industrial use of DBP in ceramic sheets and printing pastes for production of capacitors and lambda sensor elements	4	3	100 - 120

# Dibutyl phthalate (DBP) [EC 201-557-4. CAS 84-74-2]

## REACH authorised uses

This worksheet lists uses for which a REACH authorisation has been granted.

Status as of **31 December 2019**.

For more information on applications for authorisation and a link to European Commission's authorisation decisions, visit

<https://echa.europa.eu/applications-for-authorisation-previous-consultations>

<i>Date of authorisation decision</i>	<i>Authorisation holder's name</i>	<i>Country</i>	<i>Address</i>	<i>Authorised use name</i>	<i>Authorisation number</i>	<i>Authorisation status</i>	<i>Expiry of review period</i>
18/12/2014	Sasol-Huntsman GmbH & Co. KG	Germany	Roemerstr. 733 47443 Moers	The use of DBP as an absorption solvent in a closed system in the manufacture of maleic anhydride (MA)	REACH/14/2/0	Granted	21/02/2027
17/03/2015	Roxel (UK Rocket Motors) Ltd	United Kingdom	Summerfield Lane DY11 7RZ Kidderminster Worcestershire	The industrial use of DBP in the manufacture of solid propellants and motor charges for rockets and tactical missiles	REACH/14/3/1	EXPIRED	18/03/2019
17/03/2015	Roxel (UK Rocket Motors) Ltd	United Kingdom	Summerfield Lane DY11 7RZ Kidderminster Worcestershire	The industrial use of DBP within a specialty paint in the manufacture of motors for rockets and tactical missiles	REACH/14/3/2	EXPIRED	18/03/2019
08/04/2017	DEZA a.s.	Czech Republic	Masarykova 753 75701 Valasske Mezirici	The use of DBP as an absorption solvent in a closed system in the manufacture of maleic anhydride	REACH/16/1/0	Granted	21/02/2027
08/04/2017	DEZA a.s.	Czech Republic	Masarykova 753 75701 Valasske Mezirici	Use of DBP in propellants:Formulation: industrial use of DBP as a burning rate surface moderant, plasticiser and/or coolant in the formulation of nitrocellulose-based propellant grains;Use at industrial site: Industrial use of DBP-containing propellant grains in manufacture of ammunition for military and civilian uses, and pyrocartridges for aircraft ejection seat safety systems (includes propellants for police-force ammunition and excludes propellants intended for manual, private reloading of ammunition cartridges by civilian users, i.e., licensed individual sports shooters and hunters. No consumer use of DBP or its mixtures is covered by this use)	REACH/16/1/1	Granted	21/02/2027
08/04/2017	DEZA a.s.	Czech Republic	Masarykova 753 75701 Valasske Mezirici	The industrial use of DBP in ceramic sheets and printing pastes for production of capacitors and lambda sensor elements	REACH/16/1/2	EXPIRED	21/02/2019
21/03/2019	AVX Limited	United Kingdom	6 Archipelago Lyon Way GU16 7ER Frimley Surrey	Industrial use in the manufacture of ceramic sheets for the production of multi-layer ceramic capacitors	;REACH/19/15/0	Granted	21/03/2026