



ENERGIZER Ltd  
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Dec 28, 2012

## **REACH at ENERGIZER, HouseHold division**

We, ENERGIZER Ltd, hereby certify that Batteries, Lights and Chargers put on the European market by ENERGIZER affiliates are classified as Articles per REACH regulation 1907/2006 and are not intended to release any substance under normal or reasonably foreseeable conditions of use.

All Lights, Chargers and Batteries except Lithium types sold by ENERGIZER do neither contain any of the substances listed in the candidate list of Substances of Very High Concern (SVHC), nor in the recommendation list for inclusion into annex XIV, nor into annex XIV above a concentration of 0.1% weight by weight.

**About ENERGIZER Lithium primary batteries:** The information here after is provided per article 33 of REACH regulation 1907/2006 from European Commission:

EGDME (Ethylene Glycol Dimethyl Ether) has been placed on the list of substances that could become candidate to Authorization for a specific use.

1. Substance name: 1,2 DimethoxyEthane
2. EC Number : 203 – 794 -9
3. CAS Number : 110 – 71 – 4
4. Content : above 0,1% weight by weight
5. EGDME use description: Incorporated in Lithium Primary Batteries as electrolyte solvent, is not released during normal or reasonably foreseeable conditions of use of batteries.
6. Conditions of use of batteries remain unchanged : Do not open, do not disassemble, do not damage, do not expose to fire, do not charge, do not insert incorrectly, keep out of reach of children, do not short circuit, do not mix types, do not mix old and new batteries.



7. Communication to consumers: Upon request of a consumer, above information 1. to 6. has to be provided per Article 33(2) of REACH regulation within 45 calendar days of the request and free of charge.

See in attachment links to latest updates for SVHC candidate list, recommendation list for annex XIV and for annex XIV.

Sincerely yours,

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For more information :

ECHA website : <http://echa.europa.eu/>

REACH regulation : <http://echa.europa.eu/regulations>

Guidance document on requirements for substances in articles (version 2 – April 2011):

[http://echa.europa.eu/documents/10162/13632/articles\\_en.pdf](http://echa.europa.eu/documents/10162/13632/articles_en.pdf)

(See table 2, 4 and 5 of Guidance document for Batteries classified as Articles with an integral substance mixture).

Registration file of EGDME in European Chemical Agency database:

[http://apps.echa.europa.eu/registered/data/dossiers/DISS-9d8beee2-40bf-6d1f-e044-00144f67d249/DISS-9d8beee2-40bf-6d1f-e044-00144f67d249\\_DISS-9d8beee2-40bf-6d1f-e044-00144f67d249.html](http://apps.echa.europa.eu/registered/data/dossiers/DISS-9d8beee2-40bf-6d1f-e044-00144f67d249/DISS-9d8beee2-40bf-6d1f-e044-00144f67d249_DISS-9d8beee2-40bf-6d1f-e044-00144f67d249.html)



## Attachments:

### A. Candidate List table, last update Dec 19 2012 :

<http://www.echa.europa.eu/candidate-list-table>

### B. Lists of SVHC to be prioritized for inclusion into Annex XIV :

#### **ECHA's 1<sup>st</sup> Recommendation for inclusion in Annex XIV (Authorisation) – June 1 2009 :**

<u>Substance Name</u>	<u>EC Number</u>	<u>CAS Number</u>
4,4'-Diaminodiphenylmethane (MDA)	202-974-4	101-77-9
5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)	201-329-4	81-15-2
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins - SCCPs)	287-476-5	85535-84-8
Benzyl butyl phthalate (BBP)	201-622-7	85-68-7
Bis(2-ethylhexyl) phthalate (DEHP)	204-211-0	117-81-7
Dibutyl phthalate (DBP)	201-557-4	84-74-2
Hexabromocyclododecane (HBCDD), and all major diastereoisomers identified, i.e.: alpha-, beta- and gamma- hexabromocyclododecane	247-148-4 and 221-695-9	25637-99-4 3194-55-6 (134237-50-6) (134237-51-7) (134237-52-8)

#### **ECHA's 2<sup>nd</sup> Recommendation for inclusion in Annex XIV (Authorisation) – Dec 17 2010:**

<u>Substance Name</u>	<u>EC Number</u>	<u>CAS Number</u>
2,4-dinitrotoluene (2,4-DNT)	204-450-0	121-14-2
Diarsenic pentaoxide	215-116-9	1303-28-2
Diarsenic trioxide	215-481-4	1327-53-3
Diisobutylphthalate (DIBP)	201-553-2	84-69-5
Lead chromate	231-846-0	7758-97-6
Lead chromate molybdate sulphate red - C.I. Pigment Red 104	235-759-9	12656-85-8
Lead sulfochromate yellow - C.I. Pigment Yellow 34	215-693-7	1344-37-2
Tris(2-chloroethyl)phosphate (TCEP)	204-118-5	115-96-8

#### **ECHA's 3<sup>rd</sup> Recommendation for inclusion in Annex XIV (Authorisation) – Dec 20 2011:**

<b>Substance Name</b>	<b>EC Number</b>	<b>CAS Number</b>
Ammonium dichromate	232-143-1	7789-09-5



Acids generated from chromium trioxide and their oligomers. Names of the acids and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid.	231-801-5; 236-881-5	7738-94-5; 13530-68-2
Chromium trioxide	215-607-8	1333-82-0
Cobalt dichloride	231-589-4	7646-79-9
Cobalt(II) carbonate	208-169-4	513-79-1
Cobalt(II) diacetate	200-755-8	71-48-7
Cobalt(II) dinitrate	233-402-1	10141-05-6
Cobalt(II) sulphate	233-334-2	10124-43-3
Potassium chromate	232-140-5	7789-00-6
Potassium dichromate	231-906-6	7778-50-9
Sodium chromate	231-889-5	7775-11-3
Sodium dichromate	234-190-3	7789-12-0; 10588-01-9
Trichloroethylene	201-167-4	79-01-6

## ECHA's 4<sup>th</sup> Recommendation for inclusion in Annex XIV (Authorisation) – June 20 2012 :

<u>Substance Name</u>	<u>EC Number</u>	<u>Date of publication</u>	<u>Deadline for commenting</u>
Pentazinc chromate octahydroxide	256-418-0	20/06/2012	19/09/2012
Arsenic acid	231-901-9	20/06/2012	19/09/2012
Formaldehyde, oligomeric reaction products with aniline (technical MDA)	500-036-1	20/06/2012	19/09/2012
Potassium hydroxyoctaoxidizincatedichromate	234-329-8	20/06/2012	19/09/2012
Strontium chromate	232-142-6	20/06/2012	19/09/2012
1,2-Dichloroethane (EDC)	203-458-1	20/06/2012	19/09/2012
Dichromium tris(chromate)	246-356-2	20/06/2012	19/09/2012
2,2'-dichloro-4,4'-methylenedianiline (MOCA)	202-918-9	20/06/2012	19/09/2012
N,N-Dimethylacetamide (DMAC)	204-826-4	20/06/2012	19/09/2012
Bis(2-methoxyethyl) ether (Diglyme)	203-924-4	20/06/2012	19/09/2012



## C. Authorisation list (Annex XIV), update Feb 2012 :

<http://echa.europa.eu/web/guest/addressing-chemicals-of-concern/authorisation/recommendation-for-inclusion-in-the-authorisation-list/authorisation-list>

<u>Substance Name</u>	<u>EC Number</u>	<u>CAS Number</u>	<u>Sunset date</u>	<u>Latest application date</u>	<u>Exempted (categories of) uses</u>
Hexabromocyclododecane (HBCDD), alpha-hexabromocyclododecane, beta-hexabromocyclododecane, gamma-hexabromocyclododecane	221-695-9, 247-148-4	3194-55-6, 25637-99-4, 134237-50-6, 134237-51-7, 134237-52-8	21/08/2015	21/02/2014	
Tris(2-chloroethyl)phosphate (TCEP)	204-118-5	115-96-8	21/08/2015	21/02/2014	
2,4 – Dinitrotoluene (2,4-DNT)	204-450-0	121-14-2	21/08/2015	21/02/2014	
Lead chromate	231-846-0	7758-97-6	21/05/2015	21/11/2013	
Diarsenic pentaoxide	215-116-9	1303-28-2	21/05/2015	21/11/2013	
Diarsenic trioxide	215-481-4	1327-53-3	21/05/2015	21/11/2013	
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	215-693-7	1344-37-2	21/05/2015	21/11/2013	
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	235-759-9	12656-85-8	21/05/2015	21/11/2013	
Bis(2-ethylhexyl) phthalate (DEHP)	204-211-0	117-81-7	21/02/2015	21/08/2013	Uses in the immediate packaging of medicinal products covered under Regulation (EC) No 726/2004, Directive 2001/82/EC, and/or Directive 2001/83/EC.
Benzyl butyl phthalate (BBP)	201-622-7	85-68-7	21/02/2015	21/08/2013	Uses in the immediate packaging of medicinal products covered under Regulation (EC) No 726/2004, Directive 2001/82/EC, and/or Directive 2001/83/EC.
Diisobutyl phthalate (DIBP)	201-553-2	84-69-5	21/02/2015	21/08/2013	
Dibutyl phthalate (DBP)	201-557-4	84-74-2	21/02/2015	21/08/2013	Uses in the immediate packaging of medicinal products covered under Regulation (EC) No 726/2004, Directive 2001/82/EC, and/or Directive 2001/83/EC.
5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)	201-329-4	81-15-2	21/08/2014	21/02/2013	
4,4'-Diaminodiphenylmethane (MDA)	202-974-4	101-77-9	21/08/2014	21/02/2013	