REACH Article 33 - Communication on Substances of Very High Concern in Articles

Updated June 26, 2020 for REACH SVHC Candidate List of 209 Substances published June 25, 2020

Effective October 28, 2008 – NetApp, Inc. and any affiliate responsible for Import of Articles (as Import and Articles are defined by REACH) into the European Union, provide this communication in accordance with, and only to the extent required by, REACH.

NetApp, Inc. develops and supplies a variety of data management products. NetApp is committed to ensuring all our products and packaging, as provided to customers, meet applicable environmental legal requirements. NetApp is committed to reducing the use of potentially hazardous substances in our products and packaging to minimize any potential risk to human health and the environment. NetApp assumes no liability for product compliance with regulatory requirements that change after a product has been supplied to the customer.

Information Statement for the following Articles under REACH:

Scope: Products Containing Data Cables, Wire Insulation, and/or Electrical Power Cords (due to Phthalates)

This communication applies to the above-referenced Articles included with product shipments. Each Article is deemed to contain the below-referenced Substances of Very High Concern ("SVHC") in concentrations greater than 0.1% weight by weight (w/w) of the Article. Although every unit of each Article does not necessarily contain all referenced SVHCs or any single SVHC in a concentration greater than 0.1% w/w, NetApp references such SVHCs and provides this information as required by REACH Article 33.

<table>
<thead>
<tr>
<th>SVHC Communication: Articles sold prior to 1 January 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Substance Name</td>
</tr>
<tr>
<td>CAS Number</td>
</tr>
<tr>
<td>EC Number</td>
</tr>
<tr>
<td>Date of Inclusion</td>
</tr>
</tbody>
</table>
| Classification & SVHC Properties | CMR Category 2 – Carcinogens, Mutagens, or Substances Toxic to Reproduction  
R61 May cause harm to unborn child  
R62 Possible risk of impaired fertility  
R50 Very toxic to aquatic organisms |
| Information on safe handling including safe disposal if relevant | Wash hands after handling cables.  
Dispose of according to WEEE	extsuperscript{i} regulations. |
### SVHC Communication: Articles sold prior to 1 January 2019

<table>
<thead>
<tr>
<th>Substance Name</th>
<th>Benzyl butyl phthalate (BBP)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS Number</td>
<td>85-68-7</td>
</tr>
<tr>
<td>EC Number</td>
<td>201-622-7</td>
</tr>
<tr>
<td>Date of Inclusion</td>
<td>2008/10/28</td>
</tr>
<tr>
<td>Classification &amp; SVHC Properties</td>
<td>CMR Category 2 – Carcinogens, Mutagens, or Substances Toxic to Reproduction R61 May cause harm to unborn child R62 Possible risk of impaired fertility R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</td>
</tr>
</tbody>
</table>

**Information on safe handling including safe disposal if relevant:**
Wash hands after handling cables. Dispose according to WEEE® regulations.

### SVHC Communication: Articles sold prior to 1 January 2019

<table>
<thead>
<tr>
<th>Substance Name</th>
<th>Bis (2-ethyl(hexyl) phthalate) (DEHP)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS Number</td>
<td>117-81-7</td>
</tr>
<tr>
<td>EC Number</td>
<td>204-211-0</td>
</tr>
<tr>
<td>Date of Inclusion</td>
<td>2008/10/28; 2014/12/17</td>
</tr>
<tr>
<td>Classification &amp; SVHC Properties</td>
<td>CMR Category 2 – Carcinogens, Mutagens, or Substances Toxic to Reproduction R60 May impair fertility R61 May cause harm to unborn child Article 57 f - Equivalent level of concern having probable serious effects to the environment</td>
</tr>
</tbody>
</table>

**Information on safe handling including safe disposal if relevant:**
Wash hands after handling cables. Dispose according to WEEE® regulations.

### SVHC Communication: Articles sold prior to 1 January 2019

<table>
<thead>
<tr>
<th>Substance Name</th>
<th>Diisobutyl Phthalate (DIBP)</th>
</tr>
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<tbody>
<tr>
<td>CAS Number</td>
<td>84-69-5</td>
</tr>
<tr>
<td>EC Number</td>
<td>201-553-2</td>
</tr>
<tr>
<td>Date of Inclusion</td>
<td>2010/01/13</td>
</tr>
<tr>
<td>Classification &amp; SVHC Properties</td>
<td>CMR Category 2 – Carcinogens, Mutagens, or Substances Toxic to Reproduction R61 May cause harm to unborn child R62 Possible risk of impaired fertility</td>
</tr>
</tbody>
</table>

**Information on safe handling including safe disposal if relevant:**
Wash hands after handling cables. Dispose of according to WEEE® regulations.
### SVHC Communication

<table>
<thead>
<tr>
<th>Substance Name</th>
<th>1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS Number</td>
<td>71888-89-6</td>
</tr>
<tr>
<td>EC Number</td>
<td>276-158-1</td>
</tr>
<tr>
<td>Date of Inclusion</td>
<td>2011/6/20</td>
</tr>
<tr>
<td>Classification &amp; SVHC Properties</td>
<td>CMR Category 2 – Carcinogens, Mutagens, or Substances Toxic to Reproduction R61 May cause harm to unborn child</td>
</tr>
<tr>
<td>Information on safe handling including safe disposal if relevant</td>
<td>Wash hands after handling cables. Dispose according to WEEE\textsuperscript{a} regulations.</td>
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<thead>
<tr>
<th>Substance Name</th>
<th>1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS Number</td>
<td>68515-42-4</td>
</tr>
<tr>
<td>EC Number</td>
<td>271-084-6</td>
</tr>
<tr>
<td>Date of Inclusion</td>
<td>2011/6/20</td>
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<tr>
<td>Classification &amp; SVHC Properties</td>
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<td>Information on safe handling including safe disposal if relevant</td>
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<tr>
<th>Substance Name</th>
<th>Bis(2-methoxyethyl) phthalate</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS Number</td>
<td>117-82-8</td>
</tr>
<tr>
<td>EC Number</td>
<td>204-212-6</td>
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<tr>
<td>Date of Inclusion</td>
<td>2011/12/19</td>
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<tr>
<td>Classification &amp; SVHC Properties</td>
<td>Art. 57 (c), toxic for reproduction</td>
</tr>
<tr>
<td>Information on safe handling including safe disposal if relevant</td>
<td>Wash hands after handling cables. Dispose according to WEEE\textsuperscript{a} regulations.</td>
</tr>
</tbody>
</table>
**Scope: Products Containing Electronic Components**

This communication applies to the above-referenced Articles included with product shipments. Each Article is deemed to contain the below-referenced Substances of Very High Concern (“SVHC”) in concentrations greater than 0.1% weight by weight (w/w) of the Article. Although every unit of each Article does not necessarily contain all referenced SVHCs or any single SVHC in a concentration greater than 0.1% w/w, NetApp references such SVHCs and provides this information as required by REACH Article 33.

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<table>
<thead>
<tr>
<th>Substance Name</th>
<th>4,4'-isopropylidenediphenol (bisphenol A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS Number</td>
<td>80-05-7</td>
</tr>
<tr>
<td>EC Number</td>
<td>201-245-8</td>
</tr>
<tr>
<td>Date of Inclusion</td>
<td>2017/01/12</td>
</tr>
<tr>
<td>Classification &amp; SVHC Properties</td>
<td>Art. 57 (c), toxic for reproduction</td>
</tr>
<tr>
<td>Information on safe handling including safe disposal if relevant</td>
<td>Wash hands after handling. Dispose according to WEEE(^\text{ii}) regulations.</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Substance Name</th>
<th>Lead</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS Number</td>
<td>7439-92-1</td>
</tr>
<tr>
<td>EC Number</td>
<td>231-100-4</td>
</tr>
<tr>
<td>Date of Inclusion</td>
<td>2018/06/27</td>
</tr>
<tr>
<td>Classification &amp; SVHC Properties</td>
<td>Art. 57 (c), toxic for reproduction</td>
</tr>
<tr>
<td>Information on safe handling including safe disposal if relevant</td>
<td>Wash hands after handling. Dispose according to WEEE(^\text{ii}) regulations.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Substance Name</th>
<th>2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS Number</td>
<td>71868-10-5</td>
</tr>
<tr>
<td>EC Number</td>
<td>400-600-6</td>
</tr>
<tr>
<td>Date of Inclusion</td>
<td>2020/01/16</td>
</tr>
<tr>
<td>Classification &amp; SVHC Properties</td>
<td>Art. 57 (c), toxic for reproduction</td>
</tr>
<tr>
<td>Information on safe handling including safe disposal if relevant</td>
<td>Wash hands after handling. Dispose according to WEEE(^\text{ii}) regulations.</td>
</tr>
</tbody>
</table>
Scope: Cable connectors, disk drives

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<tr>
<th>SVHC Communication</th>
<th>Substance Name</th>
<th>Cadmium</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS Number</td>
<td>7440-43-9</td>
<td></td>
</tr>
<tr>
<td>EC Number</td>
<td>231-152-8</td>
<td></td>
</tr>
<tr>
<td>Date of Inclusion</td>
<td>2013/12/20</td>
<td></td>
</tr>
<tr>
<td>Classification &amp; SVHC Properties</td>
<td>Art. 57 (c), toxic for reproduction Equivalent level of concern having probable serious effects to human health (Article 57 f)</td>
<td></td>
</tr>
<tr>
<td>Information on safe handling including safe disposal if relevant</td>
<td>Wash hands after handling. Dispose according to WEEE® regulations.</td>
<td></td>
</tr>
</tbody>
</table>

SVHC Communication
Substance Name Lead
CAS Number 7439-92-1
EC Number 231-100-4
Date of Inclusion 2018/06/27
Classification & SVHC Properties Toxic for reproduction (Article 57c)
Information on safe handling including safe disposal if relevant Wash hands after handling. Dispose according to WEEE® regulations.

Scope: Adhesives, Sealants, Non-Metal Surface treatment

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<tr>
<th>SVHC Communication</th>
<th>Substance Name</th>
<th>Dicyclohexyl phthalate (DCHP)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS Number</td>
<td>84-61-7</td>
<td></td>
</tr>
<tr>
<td>EC Number</td>
<td>201-545-9</td>
<td></td>
</tr>
<tr>
<td>Date of Inclusion</td>
<td>27/06/2018</td>
<td></td>
</tr>
<tr>
<td>Classification &amp; SVHC Properties</td>
<td>Toxic for reproduction (Art 57c) Endocrine disrupting properties (Art 57(f) - human health</td>
<td></td>
</tr>
<tr>
<td>Information on safe handling including safe disposal if relevant</td>
<td>Wash hands after handling. Dispose according to WEEE® regulations.</td>
<td></td>
</tr>
</tbody>
</table>
**Scope: Labels**

This communication applies to the above-referenced Articles included with product shipments. Each Article is deemed to contain the below-referenced Substances of Very High Concern ("SVHC") in concentrations greater than 0.1% weight by weight (w/w) of the Article. Although every unit of each Article does not necessarily contain all referenced SVHCs or any single SVHC in a concentration greater than 0.1% w/w, NetApp references such SVHCs and provides this information as required by REACH Article 33.

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<td>Classification &amp; SVHC Properties</td>
<td>Art. 57 (c), toxic for reproduction</td>
</tr>
<tr>
<td>Information on safe handling including safe disposal if relevant</td>
<td>Wash hands after handling. Dispose according to WEEE(^2) regulations.</td>
</tr>
</tbody>
</table>

**Limitations:**

NetApp believes that the information it provides above is accurate, but makes no commitment, affirmation, or certification with respect to that information. Rather, NetApp provides such information "AS IS", without any express or implied warranty of any kind. NetApp reserves the right to update and modify this communication, as it believes necessary or appropriate.

**Future Communications:**

The current Candidate List of SVHCs can be found on the ECHA website [here](#). NetApp will communicate our continuing efforts to comply with REACH as we gather and analyze data from our supply chain. In addition, NetApp will respond to changes to the SVHC list as they are published. If SVHCs are present in NetApp products or packaging, NetApp will work with its supplier base to reduce or eliminate those SVHCs from its products and packaging, where practical.

NetApp will post information on SVHCs to this website as the information becomes available.

If you have any questions regarding NetApp REACH compliance, please contact your NetApp Sales Representative.

Sincerely,

Donald Goddard  
Environmental Compliance Manager

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2 Electrical and electronic equipment (EEE) is to be collected separately and to be reused, recycled, or recovered at end-of-life. Users of EEE must not dispose of end-of-life EEE as unsorted municipal waste, but use the collection framework available to customers for the return, recycling and recovery of waste EEE. Customer participation is important to minimize any potential effects of EEE on the environment and human health due to the potential presence of hazardous substances in EEE. For proper collection and treatment, see the [NetApp WEEE and Battery Compliance](#) statement.