



BOMcheck v8.5

Quick Reference Guide

Summary Table

Substance name	Category	Action required?
1,1'-(ethane-1,2-diyl)bis[pentabromobenzene] (DBDPE)	REACH Candidate List (SVHC)	● Yes – Used as an additive flame retardant in plastics, rubbers, textiles, and coatings
4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]diphenol (BPAF) and its salts	REACH Candidate List (SVHC)	✓ No – As a monomer and cross-linking agent this substance is usually reacted and not present in the final product
n-hexane	REACH Candidate List (SVHC)	✓ No – Used as an industrial solvent and unlikely to remain in the final product
<u>Critical raw materials</u>	New Declarable Substance List	● Yes (partial) – If requested by customer
Bisphenol S (BPS)	California Proposition 65	✓ No – Previously added to BOMcheck as part of version 7.0 in February 2023
N-Methyl-N-Formylhydrazine	California Proposition 65	✓ No – Used as a lab reagent and intermediate in synthesis of other chemicals

Summary Table

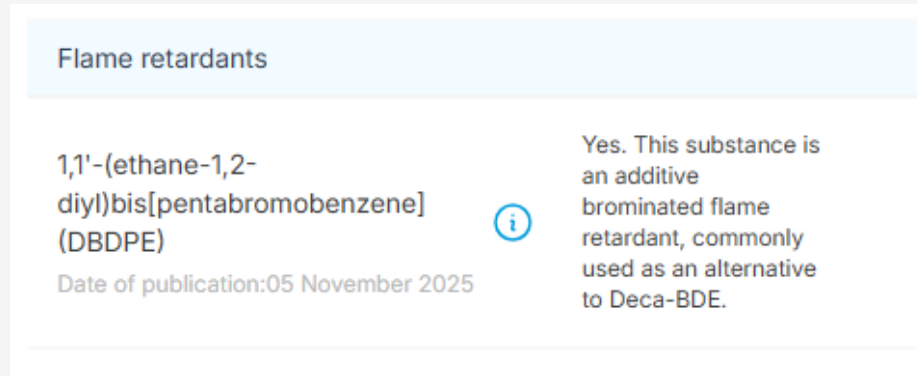
Substance name	Category	Action required?
Formaldehyde & Formaldehyde releasers	REACH Restrictions	● Yes (partial) – Re-declaration required if previous status was compliance = yes
Dechlorane plus	Persistent Organic Pollutants (POPs) Stockholm Convention	● Yes – To align with an EU POPs amendment this entry in BOMcheck has been updated to add a limit for Unintentional Trace Contaminants
Substances of Concern	Industry Restricted and Declarable Substances	● Yes – Substances of Concern are subject to disclosure requirements under ESRS E2-5. See entry in RCD tool for further information
EU MDR – CMR 1A & 1B and endocrine disrupting substances	Other Restricted or Declarable Substances (medical devices)	● Yes (partial) - Applies only to medical device parts/equipment. List updated with substances from the Candidate List

1,1'-(ethane-1,2-diyl)bis[pentabromobenzene] (DBDPE)

CAS: 84852-53-9

How to find this entry in BOMcheck

- Part of the REACH Candidate List
- Entry is found under the “flame retardants” sub-heading in the SVHC list

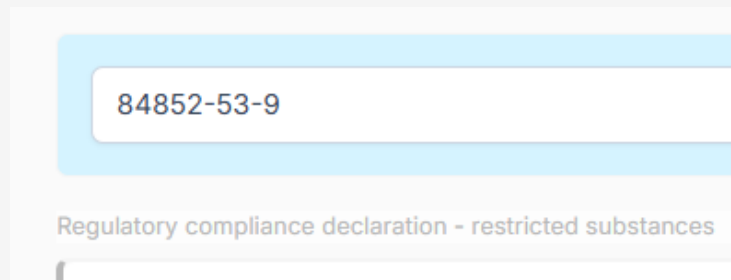


Flame retardants

1,1'-(ethane-1,2-diyl)bis[pentabromobenzene] (DBDPE)
Date of publication: 05 November 2025

i Yes. This substance is an additive brominated flame retardant, commonly used as an alternative to Deca-BDE.

- Enter the CAS number (84852-53-9) in the search bar



84852-53-9

Regulatory compliance declaration - restricted substances

Declaration required

- SVHC
- Can be found in supplied articles >0.1% w/w

Applications

- Additive flame retardant in plastics, rubbers, textiles, and coatings
- Electrical & electronic equipment housings and casings
- Cable insulation
- Back-coatings for textiles and upholstery



Critical raw materials

New Additional Declarable Substance List

Declaration required

- New list within the BOMcheck declaration tools
- Substances on this list are Declarable
- This new list contains 34 substance categories to represent the materials designated by the EU as Critical Raw Materials

Regulatory compliance declaration - declarable substances

REACH Candidate List (Article 33) ⓘ Set All ▾

BOMcheck PFAS List ⓘ Set All ▾

Critical Raw Materials Set All ▲

Substances	Maximum Concentration	Does the part contain less than the maximum concentration?		
Antimony/antimony compounds ⓘ	No intentionally added content	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Missing
Arsenic/arsenic compounds	No intentionally added content	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Missing

Critical raw materials

New Additional Declarable Substance List

How to declare Critical raw materials in BOMcheck

- **Step 1: Check for Intentional Content**

Determine if any critical raw materials specified in the declaration tool are intentionally added to your products.

- **Step 2: Distinguish Intentional vs Trace**


Remember: Only intentional content counts. Do NOT count trace amounts that are unintentional impurities.

- **Step 3: Answer the BOMcheck Question**

BOMcheck shows threshold: "No intentionally added content"

Then asks for each entry: "Does the part contain less than the maximum threshold?"

- Answer "YES" if you do not have any intentional content (**compliant - below threshold**)
- Answer "NO", if your part contains intentional content (**exceeds threshold - must report**)

Critical Raw Materials		
Substances	Maximum Concentration	Does the part contain less than the maximum concentration?
Antimony/antimony compounds	 No intentionally added content	<input checked="" type="button" value="Yes"/> <input type="button" value="No"/>

Formaldehyde & Formaldehyde releasers

CAS: Multiple – see BOMcheck entry

Amendments to existing entry

- New CAS numbers have been added to this entry in BOMcheck
- Please see the infosheet in BOMcheck for the full list of CAS numbers

Declaration required

- If you previously answered “yes” (or compliant) to this entry, you are required to re-assess your answer for the new CAS numbers
- You should indicate (compliance = yes or no) if any of the CAS numbers are intentionally added to your parts or materials

REACH Restrictions (Article 67) ⓘ Set All ^

Substances	Maximum Concentration	Does the part contain less than the maximum concentration?
formaldehyde and formaldehyde releasers ⓘ	The concentration of formaldehyde released must not exceed 0.080 mg/m3	<input type="button" value="Yes"/> <input type="button" value="No"/> <input type="button" value="Missing"/>

Persistent Organic Pollutants (POPs) Stockholm Convention

Amendments to existing entry

- **Dechlorane plus:** 1,000 mg/kg (1,000 ppm) UTC limit

The entry has been amended to add a limit for unintentional trace contaminants

Declaration required

- You should indicate (compliance = yes, no or exempt) if Dechlorane plus is intentionally added to your parts or materials
- Unintentional trace contaminants are allowed up to 1,000 ppm in your parts

Persistent Organic Pollutants (POPs) Stockholm Convention i		Set All ▼			
Dechlorane Plus	i 0.1% by weight (1000 ppm) of any article	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> No (but Exempt)	<input type="radio"/> Missing

Persistent Organic Pollutants (POPs) Stockholm Convention

How to declare POPs substances in BOMcheck?

- Follow the “No Intentionally Added Content” Rule
 - You must confirm for all POPs substances, if they are intentionally added to your product or materials
- Understand the Thresholds
 - Any threshold above “no intentionally added content” for a POPs substance (e.g., 0.0001% or 1 ppm), refers to the Unintentional Trace Contaminant (UTC) limit
 - This means the substance is not intentionally used;
 - However, trace amounts up to the specified limit (e.g., 1 ppm) may be tolerated only if they are unintentional

Example

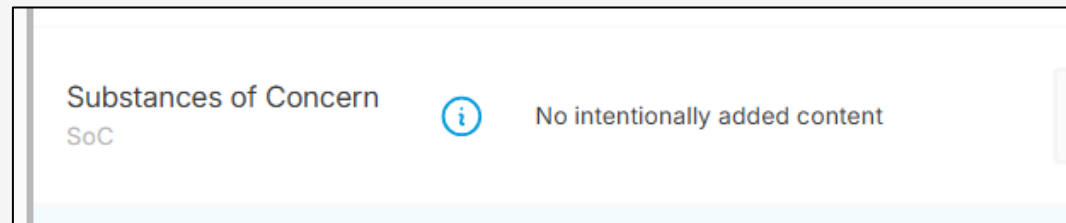
- If the POPs entry lists a threshold of 0.0001% (1 ppm) for a substance:
 - You must declare that the substance is not intentionally added
 - You can still indicate compliance= yes, if trace levels are \leq 1 ppm and are unintentional

Substances of Concern

Industry Restricted and Declarable Substances

Declaration required

- Entry on the Industry Restricted and Declarable Substances list
- Substances of concern are subject to disclosure requirements under the EU ESRS, specifically ESRS E2-5
- The full list of substances for this entry is available in the RCD infosheet



How to declare Substances of Concern in BOMcheck

Individual substance declaration - If you know the name or CAS number for the specific substance present in your part(s), you should indicate this in the RCD tool by selecting compliance = No and then using the substance search box to select the correct substance.

CAS Checker – You can use the CAS Check option for this entry in the RCD tool to upload a formatted CAS number list to automate the allocation of substances from this list (Please note, BOMcheck will run this assessment in your browser and will not store your CAS number list).

Any matching CAS numbers that appear in your part(s) will be displayed. Any non-matching CAS numbers will not be saved.

Updated EU MDR (CMR 1A & 1B and endocrine disrupting) substances

Declaration required

Who is affected?


- Action is only required for parts used in medical devices and where the part has invasive contact with the patient

What's changed?

- The CMR 1A & 1B substances list in the RCD tool has been updated to include additional substances from the Candidate List
- The entry for CMR 1A & 1B substances in the RCD tool will be set to “missing information” for all applicable suppliers

What suppliers need to do?

- Suppliers must indicate compliance “Yes” or “No”
- The full list and screening of CMR 1A and 1B substances is available [here](#)

CMR 1A and 1B substances and endocrine disrupting substances		0.1% by weight (1 000ppm) in any material which has invasive contact with the patient, or any material which transports or stores fluids or gases which contact the patient	Yes	No	Missing
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