



Khes mis Decabromodiphenyl ether (decaBDE)

Khes mis decaBDE yog dabtsi?

Khes mis Decabromodiphenyl ether (decaBDE) yog cov tshuaj txuag rau cov koom kom qhov koom ntawd tsis txhob txais hluav taws zoo. Cov khes mis DecaBDE yeej siv tau rau cov yas, tej daim yas pua tsev (textiles), thiab cov kua nplaum kom txo tau qhov es cov koom txhob txais hluav taws yooj yim. Cov khes mis nov kuj nrhiav pom lawv nyob hauv cov cuab yeej electronic thiab cov tooj rog zaum hauv tsev. Txij thaum 2013, cov tuam txhab tsim koom muag tawm thiab cov chaw es xa koom tawm mus muag es muaj cov khes mis decaBDE tau tsis pub siv ntxiv lawm.

Tsab cai [Minnesota Statute 325F.071](#) txwv cov chaw tsim koom, muag koom, thiab xa tawm tej menuam cov koom siv, es muaj cov khes mis decaBDE siab tshaj 1,000 parts per million nyob rau hauv cov koom siv. Cov koom qub es phej tseem siv, mas, yog ib qho es yuav chwv tau thiab raug rau cov khes mis nov thiab yeej muaj kev phom sij tau rau cov menuam mos ab, cov menuam yaus, thiab cov neeg xeeb menuam hauv plab kev noj qab haus huv. Cov khes mis decaBDE yeej nrhiav pom nyob rau cov koom siv hauv tsev xws li:

- Menuam yaus cov koom (lub rooj car seat) menuam zaum hauv tsheb qub qub, thiab cov koom uasi).
- Cov rooj tog es xaws rau neeg zaum.
- Tej daim yas (textiles) pua tsev.
- Daim txaj muaj rwb es siv tshuaj txuag kom txhob txais tau hluav taws zoo.

Leej twg yog cov neeg muaj kev phom sij tshaj plaws es yuav raug thiab lawv muaj kev phom sij rau kev noj qab haus huv?

- Cov menuam mos ab thiab cov menuam yaus yog cov es muaj kev phom sij loj tshaj plaws vim tias lawv nyob ze rau ntawm npoo av thiab nqus tau cov pa thiab noj tau cov hmoov av yam tsis ras txog. Cov menuam yaus es lub cev me zog thiab lawv cov koom hauv nruab nrog cev tseem tab tom loj hlob kuj ua rau lawv yog cov es muaj kev phom sij loj zog rau kev noj qab haus huv thaum chwv raug cov khes mis nov.
- Cov tib neeg es xeeb tub hauv plab thiab tus menuam tseem tsis tau yug yog cov muaj kev phom sij loj vim tias lawv yuav raug rau cov khes mis nov zoo dua vim yog muaj kev txhawj xeeb txog kev loj hlob hauv plab.

Cov neeg xeeb menuam hauv plab ho raug thiab chwv tau cov khes mis decaBDE li cas?

- Siv cov koom hauv tsev es qub qub (tsim xyoo 2013 los yog ua ntej ntawd), (suav nrog rau daim pam rwb pua txaj, cov rooj tog zaum, thiab daim kas pev pua tsev) es tsim tawm muaj cov khes mis decaBDE.
- Ua pa es nqus tau cov hmoov av ntawm cov koom hauv vaj hauv tsev es muaj cov khes mis

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decaBDE. Khes mis decaBDE yeej dim tau pa tawm ntawm cov khoom siv hauv vaj hauv tsev los yog los ntawm cov rwb qub qub siv thaiv phab ntsa tsev thiab muaj cov hmoov av nkag tau rau.

Cov menuam mos ab thiab menuam yaus ho raug thiab chwv tau cov khes mis decaBDE li cas?

- Ua pa es nqus tau cov hmoov av ntawm cov khoom hauv vaj hauv tsev es muaj cov khes mis decaBDE. Khes mis decaBDE yeej dim tau pa tawm ntawm cov khoom siv hauv vaj hauv tsev los yog los ntawm cov rwb qub qub siv thaiv phab ntsa tsev thiab muaj cov hmoov av nkag tau rau.
- Noj tau niam cov kua mis es tsuas nrog cov khes mis. Khes mis decaBDE yeej nrhiav pom muaj nyob rau hauv niam cov kua mis thiab menuam mos ab thiab menuam yaus yeej noj tau thaum pub niam mis rau lawv. Txawm li ntawd los, muaj ntau qhov txiaj ntsim zoo txog qhov pub niam mis rau menuam noj dua li qhov es tsam ces muaj teeb meem vim yog raug thiab chwv cov khes mis ntawm cheeb tsam rau niam cov kua mis ([saib Breastfeeding, Environmental Exposures/Toxicants, CDC \(\[https://www.cdc.gov/breastfeeding-special-circumstances/hcp/exposures/?CDC_AAref_Val\]\(https://www.cdc.gov/breastfeeding-special-circumstances/hcp/exposures/?CDC_AAref_Val\)\)](https://www.cdc.gov/breastfeeding-special-circumstances/hcp/exposures/?CDC_AAref_Val)). Yog tias koj muaj kev txhawj xeeb, nrog koj tus kws kho mob tham.
- Noj tau cov hmoov av lo rau cov khoom siv hauv vaj hauv tsev es tsuas rau cov khes mis HBCD vim yog phej ua tej Yam es siv tes-rau-qhov ncauj.

Yuav tsum tau ua li cas thiaj t xo tau qhov es chwv thiab raug qhov khes mis decaBDE??

- Tu cov kav nqus cua tawm thiab nkag los hauv koj lub tsev thiab siv lub cav nqus tsev nqus koj qhov chaw nyob hauv tsev tas mus li.
- Ib sij so cov rooj tog thiab txee nrog rau ib daim phuam ntub dej.
- Yog tias ua tau, tshem tawm thiab muab pov tseg kom yog chaw ntawm tej Yam khoom siv hauv tsev es qub qub lawm (tsim ua ntej xyoo 2013) xws li daim pam rwb pua txaj, cov rooj tog zaum, cov cuab yeej electronic, thiab daim kas pev pua tsev es tsim tawm muaj cov khes mis decaBDE.
- Xav txog qhov es yuav cov rooj tog zaum kom txhob muaj cov khes mis txuag kom txhob kub nyhiab zoo.
- Ntxuav txhais tes ua ntej npaj zaub mov noj los yog noj mov thiab tom qab lub sij hawm menuam yaus ua si tas.

Tej Yam kev txhawj xeeb txog kev noj qab haus huv ntawm cov khes mis decaBDE yog dabtsi?

Kev tshawb fawb kawm txog cov tsiaj tau qhia pom tias kev noj qab haus huv mas yog ib qho tsis zoo thaum chwv thiab raug cov khes mis no. Cov kev cuam tshuam rau kev noj qab haus huv no tsim kev txhawj xeeb rau tib neeg kev noj qab haus huv thiab yeej ib qho tseem ceeb yuav tau ua twb zoo xyuas, tshwj xeeb yog rau cov menuam yaus. Cov menuam yaus mas tiv tsis taus cov tshuaj khes mis nov li cov neeg laus, thiab qhov es cov menuam yaus nov raug thiab chwv cov khes mis nov heev dua mas vim yog tej Yam kev ua si es phej siv-tes-kov-ces-chwv-qhov-ncauj. Qhov no ua rau lawv muaj kev phom sij loj dua rau kev noj qab haus huv thaum lawv raug thiab chwv cov khes mis.

- Teeb meem txog lub hlwb kev loj hlob
- Kev loj hlob tsis zoo rau tus menuam nyob hauv plab thiab kev loj hlob ntawm tus mos ab.

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- Txhawj xeeb txog daim siab
- Teeb meem nrog rau cov qog
- Tsis zoo rau kev tsim noob neej (kua faj siv tsawg thiab ho menyuam).

Cov ntaub ntawv qhia ntxiv

[EPA | Reducing Your Child's Exposure to Flame Retardant Chemicals \(PDF\)](#)

[\(https://www.epa.gov/sites/default/files/2016-05/documents/flame_retardant_fact_sheet_3-22-16.pdf\)](https://www.epa.gov/sites/default/files/2016-05/documents/flame_retardant_fact_sheet_3-22-16.pdf)

[EPA | Reducing Decabromodiphenyl Oxide Waste Management \(PDF\)](#)

[\(https://www.epa.gov/sites/default/files/2016-04/documents/p2_spotlight_decabde_final.pdf\)](https://www.epa.gov/sites/default/files/2016-04/documents/p2_spotlight_decabde_final.pdf)

[Connecticut Department of Public Health | Flame Retardants in Children's Products \(PDF\)](#)

[\(https://portal.ct.gov/-/media/dcp/migrated-docs/flameretardantfactsheetpdf.pdf\)](https://portal.ct.gov/-/media/dcp/migrated-docs/flameretardantfactsheetpdf.pdf)

[Department of Ecology State of Washington | Flame Retardants in General Consumer and Children's Products \(PDF\)](#) (<https://apps.ecology.wa.gov/publications/documents/1404021.pdf>)

[NIH | Flame Retardants and Your Health \(PDF\)](#)

[\(https://www.niehs.nih.gov/health/materials/flame_retardants_508.pdf\)](https://www.niehs.nih.gov/health/materials/flame_retardants_508.pdf)

[CDC | Polybrominated Diphenyl Ethers \(PBDEs\) Public Health Statement \(PDF\)](#)

[\(https://www.atsdr.cdc.gov/ToxProfiles/tp207-c1-b.pdf\)](https://www.atsdr.cdc.gov/ToxProfiles/tp207-c1-b.pdf)

[Office of the Revisor of Statutes | 325F.071 FLAME-RETARDANT CHEMICALS; PROHIBITION](#)

[\(https://www.revisor.mn.gov/statutes/cite/325F.071\)](https://www.revisor.mn.gov/statutes/cite/325F.071)

[MDH | Decabromodiphenyl Ether Screening Profile \(PDF\)](#)

[\(https://www.health.state.mn.us/communities/environment/risk/docs/guidance/dwec/screening/decabde.pdf\)](https://www.health.state.mn.us/communities/environment/risk/docs/guidance/dwec/screening/decabde.pdf)

Lub tuam tsev Minnesota Department of Health

[Toxic Free Kids Program](#)

651-201-4899 health.risk@state.mn.us www.health.state.mn.us

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Xav tau cov ntaub ntawv no yog lwm hom, hu rau: 651-201-4899.