

Khesmis Decabromodiphenyl ether (decaBDE)

Khesmis decaBDE yog dabtsi?

Khesmis decabromodiphenyl ether (decaBDE) yog cov tshuaj txuag rau tej khoom kom tsis txhob txais hluav taws zoo. Cov khesmis DecaBDE siv nyob rau cov yas, tej ntaub, thiab cov tshuaj kua nplaum kom tej khoom siv txhob txais hluav taws yooj yim. Cov khesmis no kuj nrhiav pom nyob rau cov cuab yeej fai fab thiab tej rooj tog zaum hauv tsev. Txij thaum 2013, cov tuam txhab nyob Asmeslikas uas tsim thiab xa tawm cov khesmis decaBDE tau tsum kev siv lawm.

Tsab cai [Minnesota Statute 325F.071](#) txwv kev tsim, muag, thiab xa tawm tej khoom uas muaj cov khesmis decaBDE siab tshaj 1,000 feem nyob rau 1 million hauv cov khoom siv. Cov khoom qub uas tseem raug siv yog ib qho hauv kev uas yuav chwv raug cov khesmis no thiab kuj muaj kev phom sij rau kev noj qab haus huv ntawm cov menyuam mos, menyuam yaus, thiab cov neeg xeeb menyuam hauv plab.

Cov khesmis decaBDE nrhiav pom muaj nyob rau cov khoom siv hauv tsev xws li:

- Menyuam yaus cov khoom siv (cov rooj car seat rau menyuam zaum hauv tsheb uas qub qub lawm, thiab cov khoom ua si).
- Cov rooj tog uas xaws nrog ntaub.
- Tej ntaub, tej phuam, thiab pam vov pam pua chaw.
- Daim txaj muaj rwb uas raug tsuag nrog cov tshuaj kom txhob txais hluav taws zoo.

Leej twg yog cov yuav kov chwv raug thiab muaj kev phom sij ntau tshaj plaws?

- Cov menyuam mos thiab menyuam yaus yog cov muaj kev phom sij ntau tshaj plaws vim lawv nyob ze rau ntawm npoo av thiab nqus tau cov pa thiab noj tau cov plua plav yam tsis ras txog. Cov menyuam yaus uas lub cev me zog thiab lawv tej siab ntsws plab plawv hauv nruab nrog cev tseem tab tom loj hlob ua rau lawv yog cov tau txais kev phom sij ntau dua rau kev noj qab haus huv.
- Cov neeg xeeb tub hauv plab thiab cov menyuam tseem tsis tau yug yog cov muaj kev phom sij thiab vim kev chwv raug cov khesmis cuam tshuam tau rau txoj kev loj hlob.

Cov neeg xeeb menyuam hauv plab raug thiab chww tau cov khesmis decaBDE li cas?

- Kev siv cov khoom hauv vaj tse uas qub qub lawm (tsim xyoo 2013 los yog ua ntej ntawd), (suav nrog rau tej pam rwb pua txaj, cov rooj tog zaum, thiab tej kaspev pua tsev) uas tsim tawm nrog cov khesmis decaBDE.
- Ua pa nqus tau cov plua plav ntawm cov khoom hauv vaj tse uas muaj cov khesmis decaBDE. Khesmis decaBDE zeeg tawm tau ntawm cov khoom siv hauv vaj tse los mus nyob xyaw cov plua plav hauv tsev.

Cov menyuam mos thiab menyuam yaus raug thiab chww tau cov khesmis decaBDE li cas?

- Ua pa nqus tau cov plua plav ntawm cov khoom hauv vaj tse uas muaj cov khesmis decaBDE. Khesmis decaBDE zeeg tawm tau ntawm cov khoom siv hauv vaj tse los mus nyob xyaw cov plua plav hauv tsev.
- Noj niam cov kua mis uas tsuas nrog cov khesmis. Khesmis decaBDE nrhiav pom muaj nyob rau hauv niam cov kua mis thiab menyuam mos ab thiab menyuam yaus noj tau thaum pub niam mis rau lawv. Txawm li ntawd los kev noj niam mis muaj txiag ntsig tseem ceeb heev rau menyuam txoj kev loj hlob thiab MDH pom zoo tias kev pub niam mis yog qhov zoo tshaj plaws rau menyuam mos. Cov txiag ntsig zoo ntau yam ntawm kev pub niam mis muaj ntau dua cov kev tsis zoo los ntawm kev chww raug tej tshuaj phom sij hauv cov kua mis/kev pub niam mis (Saib Breastfeeding, Environmental Exposures/Toxicants, CDC (https://www.cdc.gov/breastfeeding-special-circumstances/hcp/exposures/?CDC_AAref_Val)).Yog koj muaj kev txhawj ces nrog koj tus kws kho mob tham.
- Noj tau cov plua plav hauv vaj tse uas tsuas nrog cov khesmis decaBDE vim nquag muab tes cev rau qhov ncauj.

Yuav ua li cas thiaj txo tau kev chww raug cov khesmis decaBDE?

- Tu cov kav uas tshuab pa kub pa txias hauv koj lub tsev thiab nquag siv tshuab nqus tej chav chaw nyob hauv koj lub tsev.
- Nquag so tej rooj tog thiab tsee nrog ib daim phuam ntub dej.
- Yog tias ua tau, tshem tawm thiab muab pov tseg tej yam khoom siv hauv tsev uas qub qub lawm (tsim xyoo 2013 lossis ua ntej ntawd) xws li daim pam rwb pua txaj, cov rooj

tog zaum, cov cuab yeej fai fab, thiab tej kaspev pua tsev uas tej zaum muaj cov khesmis decaBDE.

- Xav txog kev yuav cov rooj tog zaum uas tsis muaj cov khesmis txuag kom txhob kub hluav taws zoo.
- Ntxuav tes ua ntej yuav npaj zaub mov noj los yog yuav noj mov thiab tom qab thaum menyuam yaus ua si tas.

Kev txhawj xeeb fab kev noj qab haus huv ntawm cov khesmis decaBDE yog dabtsi?

Kev tshawb fawb ntawm cov tsiaj nyob rau chav kawm tau qhia pom tias muaj kev cuam tshuam tsis zoo rau kev noj qab haus huv thaum chww raug cov khesmis no. Cov kev cuam tshuam no tsim kev txhawj xeeb rau tib neeg kev noj qab haus huv thiab yog ib qho tseem ceeb yuav tau ua tib zoo xyuas, tshwj xeeb yog rau cov menyuam yaus. Menyuam yaus tiv tsis taus cov tshuaj khesmis no li neeg laus, thiab qhov uas menyuam yaus raug thiab chww cov khesmis no muaj heev dua vim yog tej kev ua si uas nquag siv tes kov chww qhov ncauj. Tej yam kev cuam tshuam rau kev noj qab haus huv uas pom muaj nyob rau cov tsiaj hauv chav kawm yog xws li:

- Teeb meem txog lub hlwb kev loj hlob.
- Kev loj hlob tsis zoo rau tus menyuam nyob hauv plab thiab menyuam mos ab.
- Txhawj xeeb txog daim siab.
- Teeb meem rau lub qog thyroid.
- Tsis zoo rau kev tsim noob neej (kab txiv neej poob qis thiab nchuav plab 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>)

DECABROMODIPHENYL ETHER (DECABDE)

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

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Xav tau cov ntaub ntawv no sau ua tus qauv txawv qhov no, hu rau: 651-201-4899.