

Khesmis Bisphenol A (BPA)

Khesmis BPA yog dabtsi?

Khesmis Bisphenol A (BPA) yog ib co khesmis uas nquag siv rau tej hom taub yas, leem rau sab hauv cov kaspoom ntim zaub mov, thiab lwm yam khoom siv.

Khesmis BPA nrhiav pom muaj nyob rau cov khoom siv hauv vaj tse thiab tej yam khoom xws li:

- Cov thawv ntim zaub mov (thawv yas, thawv ntawv, kaspoom txhuas).
- Cov taub yas ntim dej, suav nrog menyuam cov raj yas ntim mis uas tsim tawm ua ntej xyoo 2013.
- Daim ntawv txais nyiaj muag khoom (thermal receipt paper)
- Cov tshuaj khesmis pleev plaub hau caws kom ncaj.
- Cov yas tawv tawv (polycarbonate) (siv ua cov CDs, siv ua diav yas noj mov, siv rau cov khoom ntawm tej tsheb, siv tsim menyuam yaus cov khoom ua si)

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

- Cov tib neeg uas xeeb tub hauv plab thiab cov menyuam tseem nyob hauv plab muaj kev phom sij vim tias cov khesmis BPA nkag tau mus rau txoj hlab ntsha ntawm leej niam thiab ua rau muaj kev txhawj xeeb rau tus menyuam kev loj hlob thaum tseem tsis tau yug.
- Cov menyuam mos ab thiab cov menyuam yaus yog cov muaj kev phom sij ntau tshaj plaws vim tias lawv nyob qis qis rau ntawm npoo av thiab nqus tau cov pa thiab noj tau cov plua

BISPHENOL A

plav yam tsis ras txog. Cov menyuam yaus lub cev me zog thiab lawv tej siab ntsws plab plawv hauv nruab nrog cev tseem tab tom loj hlob, ua rau lawv tau txais kev phom sij rau kev noj qab haus huv ntau dua.

Cov neeg xeeb menyuam hauv plab raug thiab chwv tau cov khesmis BPA li cas?

- Qhov raug thiab chwv tau ntau tshaj plaws yog los ntawm kev noj cov zaub mov uas ntim hauv cov thawv (thawv yas, kaspoom txhuas, los yog thawv ntawv) uas muaj cov khesmis BPA nyob rau hauv cov thawv yas los yog cov yas nyob hauv lub kaspoom txhuas thiab cov thawv ntawv ntim zaub mov.
- Siv cov tshuaj pleev tawv nqaij thiab tshuaj tu ib ce/plaub hau uas muaj cov khesmis BPA.
- Kov cov ntawv txais nyiaj them khoom (thermal receipt paper)
- Kev raug thiab chwv kuj muaj tau los ntawm tej yam nyob ib puag ncig koj. Tshuaj khesmis BPA kuaj pom muaj me me nyob rau cov huab cua hauv tsev thiab nraum zoov, hauv cov dej ua teev rau ntawm tej, thiab ntawm cov plua plav hauv tsev.

Cov menyuam mos ab thiab menyuam yaus raug thiab chwv tau cov khesmis BPA li cas?

Kev raug thiab chwv tshwm sim tau los ntawm:

- Pub niam mis rau menyuam noj los ntawm tus leej niam uas tau raug thiab chwv cov khesmis BPA. 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 chwv raug tej tshuaj phom sij hauv cov kua mis/kev pub niam mis (Saib [Breastfeeding, Environmental Exposures/Toxicants, CDC \(https://www.cdc.gov/breastfeeding-specialcircumstances/hcp/exposures/index.html\)](https://www.cdc.gov/breastfeeding-specialcircumstances/hcp/exposures/index.html)). Yog koj muaj kev txhawj xeeb ces tham nrog koj tus kws kho mob.
- Siv cov raj mis yas uas qub qub lawm (tsim tawm ua ntej xyoo 2013) uas muaj cov khesmis BPA.

BISPHENOL A

- Cov khesmis BPA thaum ub nquag pom muaj nyob rau menyuam mos cov raj mis thiab cov khoom siv uas tsim rau menyuam yaus. Yuav kom txo kev chwv raug cov khesmis BPA ntawm cov menyuam mos thiab menyuam yaus ces xeev Minnesota, lwm lub xeev, thiab tsoom fww teb chaws tau txwv tsis pub muaj khesmis BPA nyob rau xyoo 2009 thiab 2013 (Saib [Legislative Bans of BPA, MDH \(https://www.health.state.mn.us/communities/environment/risk/chemhazard/bpalaw.html\)](https://www.health.state.mn.us/communities/environment/risk/chemhazard/bpalaw.html)).
- Noj cov zaub mov hauv cov kaspoom los yog cov thawv ntim uas muaj tshuaj khesmis BPA.

Yuav ua li cas thiaj txo tau kev chwv raug cov khesmis BPA?

- Zam txhob siv cov thawv, cov kaspoom thiab khoom siv uas muaj cov khesmis BPA. Qhov no suav nrog cov raj mis yas qub qub (tsim ua ntej xyoo 2013) thiab cov plhaub ntim zaub mov uas tej zaum muaj khesmis BPA leem rau txheej sab hauv.
- Tej co yas, tabsis tsis yog tag nrho, uas muaj tus lej cim 7 qhia tias muab zom dua tshiab tau, tej zaum kuj muaj cov khesmis BPA.
- Hloov pauv mus noj cov zaub mov ua tshiab/cov zaub mov khov hauv tub yees es tsis txhob noj cov nyob hauv lub kaspoom, los yog xaiv cov nyob hauv lub kaspoom uas tsis muaj khesmis BPA, yog tias muaj cov ntawv rau noj.
- Siv cov tais iav/tais av ci puab rhaub zaub mov hauv lub microwave.
- Hais kom xa daim receipt (ntawv txais nyiaj them khoom) nyob online xwb es txhob muab luam rau koj.
- Nyeem daim ntawv uas lo rau cov plhaub tshuaj tu plaub hau kom paub meej tias tsis muaj tshuaj khesmis BPA. Yog koj paub tsis tseeb ces tiv toj tau rau lub tuam txhab tsim cov tshuaj pleev plaub hau.
- Tus neeg pub mis rau menyuam noj txo tau lawv tus menyuam qhov kev chwv raug tshuaj khesmis yog ua raws li cov tswv yim qhia sab saum toj no los mus txo lawv tus kheej li kev raug thiab chwv cov khesmis. MDH tsis pom zoo kom tsum kev pub niam mis rau menyuam mos noj yog tias koj muaj kev txhawj txog cov khesmis BPA. Cov txiag ntsig zoo ntau yam ntawm kev pub niam mis muaj ntau dua cov kev tsis zoo los ntawm kev chwv

B I S P H E N O L A

raug tej tshuaj phom sij hauv cov kua mis/kev pub niam mis. Yog koj muaj kev txhawj xeeb ces nrog koj tus kws kho mob tham.

- Nquag ntxuav koj ob txhais tes ua ntej yuav npaj zaub mov noj los yog yuav noj mov.
- Nqus tej chav chaw nyob thiab nqus cov kav tshuab cua kub cua txias hauv tsev kom huv si kom txo tau kev chww raug cov tshuaj khesmis BPA uas tej zaum muaj nyob nrog cov plua plav.

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

Kev chww raug cov khesmis BPA yog ib qho kev txhawj xeeb fab kev noj qab haus huv vim nws yog ib hom tshuaj khesmis uas cuam tshuam rau cov kua faj siv uas tswj lub cev (endocrine system) nrog kev ua hauj lwm li cov kua faj siv (hormone) los yog hloov cov kua faj siv txoj kev ua hauj lwm hauv lub cev. Cov kev cuam tshuam no tsim kev txhawj xeeb rau tib neeg txoj kev noj qab haus huv thiab yog ib qho tseem ceeb yuav tau ua tib zoo saib xyuas rau cov menyuam yaus. Menyuam yaus tiv tsis taus cov tshuaj khesmis no li neeg laus, thiab qhov uas menyuam yaus chww raug cov khesmis nov muaj heev dua yog vim tej kev ua si nquag muab tes kov chww qhov ncauj.

Kev tshawb fawb ntawm nas tsuag pom tau tias cov khesmis BPA tej zaum muaj kev phom sij rau:

- Kev loj hlob ntawm cov menyuam uas tseem nyob hauv niam plab thiab cov menyuam mos.
- Kev loj hlob ntawm cov tub ntxhais uas nyuam qhuav tiam niam tiav txiv.
- Txiv neej thiab poj niam lub cev li kev tsim noob neej.
- Cov khoom hauv nruab nrog cev xws li daim siab, lub raum, thiab lub qog thyroid.

Ntau cov kev tshawb fawb ntawm cov khesmis BPA uas tau tsim tsa ua raws li cov cai tswj thoob ntiaj teb, qhia hais tias muaj kev cuam tshuam rau cov tsiaj vim yog cov tsiaj ntawd tau txais tshuaj khesmis ntau tshaj cov khesmis uas pej xeeb feem ntau hauv Minnesota tau txais.

BISPHENOL A

- Kev cuam tshuam rau tib neeg txoj kev noj qab haus huv uas los ntawm kev chww raug khesmis BPA nyob rau qib tsawg tsawg tseem tsis tau paub zoo thiab tseem yuav tau tshawb fawb ntau dua no ntxiv.
- Cov koom haum xws li National Institutes of Health (NIH), U.S. Food and Drug Administration (FDA), thiab European Food Safety Authority (EFSA), nrog rau lwmm cov koom haum, tau luj xyuas ua ntu zus txog cov khesmis BPA uas siv nyob rau tej khoom siv tias nws cuam tshuam li cas rau kev noj qab haus huv thiab kev nyob nyab xeeb.
- MDH yeej soj ntsuam kev tshawb fawb ntawm cov khesmis BPA ua ntus zus mus.

Cov ntaub ntawv qhia ntxiv

[EPA | Biomonitoring – Bisphenol A](https://www.epa.gov/americaschildrenenvironment/biomonitoring-bisphenol-bpa)

(<https://www.epa.gov/americaschildrenenvironment/biomonitoring-bisphenol-bpa>)

[FDA | Bisphenol A \(BPA\): Overview & Updates \(https://www.fda.gov/food/food-packaging-other-substances-come-contact-food-information-consumers/bisphenol-bpa\)](https://www.fda.gov/food/food-packaging-other-substances-come-contact-food-information-consumers/bisphenol-bpa)

[FDA | Bisphenol A \(BPA\): Use in Food Contact Application \(https://www.fda.gov/food/food-packaging-other-substances-come-contact-food-information-consumers/bisphenol-bpa-use-food-contact-application\)](https://www.fda.gov/food/food-packaging-other-substances-come-contact-food-information-consumers/bisphenol-bpa-use-food-contact-application)

[MDH | Bisphenol A in Drinking Water \(PDF\)](https://www.health.state.mn.us/communities/environment/risk/docs/guidance/gw/bpainfosh eet.pdf)

(<https://www.health.state.mn.us/communities/environment/risk/docs/guidance/gw/bpainfosh eet.pdf>)

[MDH | Bisphenol A](https://www.health.state.mn.us/communities/environment/risk/chemhazard/bisphenola.html)

(<https://www.health.state.mn.us/communities/environment/risk/chemhazard/bisphenola.html>)

[PCA | BPA and BPS in thermal paper \(https://www.pca.state.mn.us/business-with-us/bpa-and-bps-in-thermal-paper\)](https://www.pca.state.mn.us/business-with-us/bpa-and-bps-in-thermal-paper)

[NIH | Bisphenol A \(BPA\) \(https://www.niehs.nih.gov/health/topics/agents/sya-bpa\)](https://www.niehs.nih.gov/health/topics/agents/sya-bpa)

BISPHENOL A

Lub tuam tsev Minnesota Department of Health

[Toxic Free Kids Program](#)

651-201-4899

health.risk@state.mn.us

www.health.state.mn.us

05/24/2024

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