

FSC[®] Highly Hazardous Pesticides

The products named on the revised (February 10, 2015) FSC HHP list ([FSC-STD-30-001a EN](#)) are prohibited for use on FSC certified lands and embedded waters unless an approved FSC derogation (i.e. exception for temporary use) is in place.

Procedure – The procedure for determining if a chemical is on the FSC HHP list is much simplified because each listed chemical has a CAS number identifier that is unique for each chemical formulation. The CAS number is usually found on the Safety Data Sheet (i.e. formerly MSDS) for the product. After it has been determined that the property proposed for treatment is under an FSC certificate, simply compare the chemical name and CAS number of the product that is proposed for use to the FSC HHP list. If the CAS number matches a prohibited formulation, then it must not be used unless there is an approved derogation.

Changes from the 2007 HHP list – there is no comprehensive list of chemicals added or removed from the 2007 FSC HHP list. Some changes include:

Additions - borax*, imidacloprid, emamectin benzoate, picloram and rotenone

Removals - Most 2-4 D formulations, dicamba, hexazinone and simazine

*Note: although borax was added it does not match the formulations in Cellu-Treat[®] or Sporex[®]

Derogations – if a derogation for temporary use is needed for a listed chemical formulation, please contact Mark Heyde, Sustainable Forestry Certification Coordinator. Please note that the derogation process can take up to 6 months from application to approval. Here are the approved FSC derogations for listed chemicals for MFL, county forests or DNR state lands:

DNR state lands approved derogations – [Fipronil for research use, Brooklyn WA, project contact Eric Lobner; approved 7/16/2015](#)

County forests approved derogations – none

MFL approved derogations – none

Emergency use – FSC has a process for emergency use of an HHP prohibited pesticide with a follow-up derogation application.

SFI[®] Prohibited Pesticides

The Sustainable Forestry Initiative adopted new pesticide regulations under the revised SFI forest management standards (January 2015). SFI does not publish a list, but chemicals found on the World Health Organization (WHO) highly hazardous and hazardous lists (i.e. [WHO 1a & b lists](#)) are prohibited for use on SFI certified forests; an exception process is available. SFI also prohibits the use of all organic chemicals found in the [Stockholm Convention on persistent organic pollutants](#); no exceptions.

FSC HHP list and SFI prohibited chemicals – The FSC HHP list contains most WHO 1a and 1b chemicals (FSC HHP indicator 1.1.a); those that are not listed are not used in forestry applications or are no longer manufactured. The FSC HHP list does not contain most Stockholm Convention chemicals (FSC HHP indicator 8.1.a), but it is unlikely that any of the Stockholm Convention listed chemicals would be used in a forestry context.