

Hazardous Materials List - Main Changes

This revised version of the Hazardous Materials List (HML) succeeds the previous version of Prohibited Materials List (PML) 2011 which was last amended on 15/05/2014. This revision is as part of the regular monitoring and improving process of the standards.

The revised HML was approved by the Standards Committee in July 2016 and October 5, 2016.

This version will be applicable from 01/01/2018, so as to give the producers ample time to adjust their production systems.

This document identifies the key changes made to the HML and applicable standards in other generic standards which are related to the HML. It also includes a table describing in more detail the extent of the changes made,

This document does not describe the content of the changes in full detail. This document shall not replace a detailed study of the new standard and it is not part of the standard.

Key changes:

- **Change in title of the document:** The Prohibited Materials List has been renamed as Hazardous Materials List, as some materials in the list are not completely prohibited. Some are allowed to be used under conditions, while some are only flagged to be hazardous and recommended to be used under extreme caution.
- **More criteria of hazards for listing materials in HML:** In addition to the criteria of the previous version namely; materials listed under Stockholm Convention, Rotterdam Convention, Toxicity category WHO 1a, 1b, the new version also includes, materials listed in the Montreal protocol (Ozone depleting), the acute toxicity criteria of H330 (Fatal if inhaled' according to the Globally Harmonized System - GHS), the criteria of chronic health hazards i.e. materials those are identified as Carcinogenic (known and probable), Mutagenic, Reprotoxic and Endocrine disturbers; extreme hazard to environment and toxicity to honeybees.
- **There are more materials listed in the HML:** The new version now covers 356 materials in compared to 182 in the previous version. The number of materials in the Red List has increased from 124 to 207. The Yellow List (formerly Amber List) has 110 materials compared to the 58 in the previous version. The Orange List has 39 materials which are to be used under conditions mentioned in the standard.
- **Change of name of Amber List to Yellow List:** Amber List has been renamed as Yellow List, for better identification of the different lists and also to remove the confusion arising due to introduction of the Orange List.
- **Introduction of Orange List:** A new list, called Orange List has been introduced for listing materials whose use is perceived as difficult for immediate discontinuation, and identified as difficult to replace in the immediate future have been placed in the Orange List with an idea to

give time to producers to reduce their use and find alternatives. The progress of producers to find alternatives will be monitored and based on the learnings a decision will be taken on the materials in the Orange List in the next revision.

- **Possibility of request for Derogation removed:** The revised HML does not list materials for which derogation can be requested and is replaced by the introduction of Orange List.
- **A requirement on proper use of Rodenticides** has been included to avoid harm to non-targeted animals in the new version.
- **The reference to the US and EU list has been removed** and the new list only refers to multinational bodies or conventions.
- **Glossary of terms** added to the end of the document.
- **The transition period for compliance for traders to the standards related to HML has been extended** from 1/1/2017 to 1/1/2018.

Overview of the revised HML and related changed in Generic Standards:

This table shows the most important changes, specifying if these are modifications, deletions or new additions.

Standard section	Type of change	Revised Standard	Previous Version	New Version	Comments
HML					
	Modified	Criteria for classification of materials to the HML	<p>Conventions :</p> <ol style="list-style-type: none"> 1. The Stockholm Convention on Persistent Organic Pollutants POP 2. The Rotterdam Convention on the Prior Information Consent (PIC) Procedure for Certain Hazardous Chemicals and Pesticides in International Trade <p>Acute Toxicity : WHO 1a and 1b: World Health Organization Acute toxicity classification 1a and 1b</p> <p>PAN 12: Pesticide Action Network's "dirty dozen" list (currently 18 pesticides)</p> <p>EU: Banned or severely restricted in the</p>	<p>Conventions</p> <ol style="list-style-type: none"> 1. Stockholm POP 2. Rotterdam PIC 3. Montreal (Ozone depleting) <p>Acute toxicity: WHO Ia, Ib and H330)</p> <p>Long term toxic effect or chronic exposure</p> <ol style="list-style-type: none"> 1. Carcinogenic 2. Mutagenic 3. Reprotoxic 4. Endocrine disruptor 	<p>Adds long term exposure hazards along with acute toxicity. Adds ozone depleting materials to the Red List (Montreal Protocol). Adds H330 criteria of toxicity by inhalation to the Red List.</p> <p>The reference to the US and EU list has been removed and the new version only refers to multinational bodies or conventions.</p> <p>Reference to PAN dirty dozen removed.</p>

Standard section	Type of change	Revised Standard	Previous Version	New Version	Comments
			<p>European Union according to PAN List of Lists</p> <p>US: Banned or severely restricted pesticide EPA according to PAN List of Lists</p>	<p>5. Probably carcinogenic</p> <p>Environmental concern</p> <ol style="list-style-type: none"> 1. Very persistent in water, soil and sediment 2. Very bio accumulative 3. Very toxic to aquatic organisms <p>Hazard to ecosystem services: Toxic for bees</p> <p>Materials considered obsolete</p>	
	Modified	The name of Amber List has been changed to Yellow List	Amber List	Yellow List	With the introduction of Orange List, confusion of differentiation between Amber and Orange is avoided.
	New	Introduction of a third list called Orange List	<p>Red List : Prohibited list – materials not be used on Fairtrade products</p> <p>Amber List: The Amber List includes materials which are being evaluated by Fairtrade International as candidates to be prohibited by inclusion into the Red List</p>	<p>Red List : Prohibited list – materials not be used on Fairtrade products</p> <p>Orange List: The Orange List is a ‘restricted’ List and includes materials that are used under conditions specified in the standard thus restricting their use.</p> <p>Yellow List: The Yellow List is a ‘flagged’ list and includes materials which are flagged for being</p>	Orange List will include materials that are perceived as irreplaceable in immediate future and thus cannot be placed in Red List. The use of materials in Orange List will be monitored. Users will have to establish a plan to reduce or phase out the use of these materials. The standards list conditions under which the materials are used.

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				hazardous and should be used under extreme caution.	
	Removed	Possibility of request for Derogation removed	Derogations possible	Option of derogations removed	The new HML does not list any materials for which derogations can be requested with the certification body. It is replaced with the Orange List and set of conditions.
	New	Requirement on proper use of Rodenticides		Clause on proper use of Rodenticide included	Though rodenticides are placed in Red List and are not to be used on Fairtrade products, their use in premises or around fields has been regulated to avoid harm to non-targeted species.
Changes in generic standards SPO (Small Producer Organizations), HL (Hired Labour), CP (Contract Production) and TS (Trader Standard)					
SPO :3.2.15 CP: A 3.2.7 HL: 4.2.15 TS: 3.2.2	Modified	Updating pesticide list	Pesticide list updated once in three years. A list of the pesticides that the registered producers use on Fairtrade crops was required to be updated, at a minimum every 3 years.	The requirement of once in every 3 years removed.	It is envisaged that the list is updated in such a way that only the updated list is presented for audits.
SPO:3.2.15 CP: A 3.2.7	Modified for SPO, CP and HL	Details in the pesticide list	The list must indicate which of those materials are in the Fairtrade International Hazardous Materials List (HML), part 1, Red List; and part 2 Amber	In addition to indicating the Red and Yellow List (former Amber List), it is also required to indicate the Orange list materials, as well	This information is necessary for future monitoring on use of materials.

Standard section	Type of change	Revised Standard	Previous Version	New Version	Comments
HL: 4.2.15 TS: 3.2.2	New for TS		List.	as the name of the material (both the active ingredient as well as the commercial name), the crop/product on which it is applied and the targeted pests/disease/weed.	
SPO : 3.2.16 CP: B3.1.9 TS: 3.2.2	New	Use of only legally allowed material	No explicit requirement in SPO, CP and Trader standard. This is a requirement in the existing HL standard under 4.2.11.	'All synthetic pesticides are used only if officially registered and permitted for use on the crop/product in the country of production' has been added to SPO, CP and Trader Standard.	This is placed so that an unapproved material which is potentially harmful and not listed in HML (e.g. obsolete) is not used.
SPO 3.2.17 CP: B3.1.10 HL: 4.2.12 TS: 3.2.3	Modified	Derogations replaced by Orange List and conditions	The options of requesting for derogation for use of certain material in the Red List present.	The option of derogations for certain material in the Red List has been replaced with the Orange List which includes materials which can be used under conditions set forth in the standard.	The revised HML includes a higher number of materials in the Red list and would have potentially resulted in higher number of materials for which use under derogation would be requested. These materials have been identified in the consultations have been included in the Orange list and use allowed under restricted conditions. This makes the option of derogations redundant.

Standard section	Type of change	Revised Standard	Previous Version	New Version	Comments
TS 3.2.2, 3.2.3	Modified	Transition Period Extended	3.2.2 NEW 2017 Prohibited Materials List (PML) 3.2.3 NEW 2017 PML derogations	3.2.2 NEW 2018 Hazardous Materials List (HML) 3.2.3 NEW 2018 Use of materials in the Orange List	To reduce the complexity in the implementation of the revised materials lists, the implementation of the requirements applicable to Traders has been postponed from January 2017 to January 2018. All companies that are certified or verified need to be in full compliance of the standard 3.2.2 ,3.2.3 and will be checked against these Core requirements from 1 January 2018.

For the revised HML [click here](#)

For detailed changes in the SPO standard related to HML [click here](#).

For detailed changes in the CP standard related to HML [click here](#).

For detailed changes in the HL standard related to HML [click here](#).

For detailed changes in the Trader standard related to HML [click here](#).