Classified Chemicals

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1 Introduction

An important aim of sustainability certification for farms and plantations is the environmentally responsible production of biomass, the protection of workers' health and safety and good practices in terms of chemical utilization. One important feature in this area is to monitor the type of chemicals used and to exclude those from production processes that have been identified as hazardous. Hazardous chemicals, which have been banned or severely restricted for health or environmental reasons, are listed in the WHO1a, 1b and 2 lists, the Rotterdam Convention and the Stockholm Convention of Persistent Organic Pollutants (POPs).

The intention of this document is to ban extremely and highly hazardous chemicals directly and to set targets on phasing out other hazardous chemicals.

2 Scope

The scope of this document is the specification of chemicals, which shall not be used during agricultural production if this ISCC add-on is chosen.

3 Normative references

As a basic principle, all relevant ISCC documents are valid for the scope. The normative references display the documents whose contents are linked and have to be jointly considered.

Relevant references:

ISCC PLUS 103 Quality Management
ISCC PLUS 201 System Basics
ISCC PLUS 202 Sustainability Requirements – ISCC Global Standard on Sustainability Requirements for the Production of Biomass
ISCC PLUS 207 Risk Management
ISCC PLUS 252 Regulations to carry out Audits
ISCC PLUS 255 Add-ons and Extensions
4 Chemicals that shall not be used

4.1 Extremely and highly hazardous chemicals
All pesticides, which include the active ingredients listed in one of the following lists, shall be excluded from the cultivation of crops:

- Extremely hazardous technical grade active ingredients of pesticide (WHO1a)
- Highly hazardous (WHO1b) technical grade active ingredients in pesticides

(The respective chemicals are published in “The WHO Recommended classification of pesticides by Hazard”: http://www.who.int/ipcs/publications/pesticides_hazard/en/)

4.2 Moderately hazardous chemicals and Persistent Organic Pollutants
The area, treated with the relevant chemicals of the following lists, shall be constantly minimized to 0% until 2020. Therefore, a list of applied chemicals shall exist and the progress of this phase out shall be verified by an audit during the certification audit.

- Moderately hazardous (WHOII) technical grade active ingredients in pesticides

(The respective chemicals are published in “The WHO Recommended classification of pesticides by Hazard”: http://www.who.int/ipcs/publications/pesticides_hazard/en/)


- Chemicals listed in the Stockholm Convention on Persistent Organic Pollutants
  (http://chm.pops.int/Convention/ConventionText/tabid/2232/Default.aspx)