

Department of Chemistry, University of Edinburgh

GMO Risk Assessment Form

Title of Project

Overview

(i) Consideration of the predicted properties of the GMM to determine if there are any potential mechanisms by which it could represent a hazard to human health.

(a) Hazards associated with the recipient micro-organism

Host cells used:

(b) Hazards arising directly from the inserted gene product (e.g. cloning of a toxin gene or oncogene)

Vectors:

Accession number of DNA/Protein (SWISSPROT/TREMBL etc.):

(c) Hazards arising from the alteration of existing pathogenic traits (e.g. alteration of host range or tissue tropism)

(d) The potential hazards of sequences within the GMM being transferred to related micro-organisms

(ii) Consideration of the likelihood that, in the event of exposure, the GMM could actually cause harm to human health.

(iii) Assignment of a provisional containment level.

(This step will often involve considering the containment level necessary to control the risk of the recipient micro-organism and making a judgement about whether the modification will result in a GMM which is more hazardous, less hazardous or about the same. Sometimes it may help to compare the GMM with the relative hazard presented by other organisms.)

(iv) Consideration of the nature of the work to be undertaken and a detailed review of the control measures to safeguard human health.

(v) The identification of any hazards to the environment and the assignment of any additional control measures to protect the environment.

(vi) Assignment of the activity class (1, 2, 3 OR 4)

(This is done by comparing the containment and control measures identified as necessary to control the risk with the tables of containment in Schedule 8 of the new Regulations.)

Based on the above the work can be assigned to (please tick)

Class 1

Class 2

Class 3

Class 4

Principal Investigator:

Other workers on the project:

Intended start date:

Signed (Principal Investigator):

For Biological Safety Officer use only:

Date received:

Date approved:

Signature: