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MATERIAL SAFETY DATA SHEET

Material Safety Data Sheet for:
Aspergillus fumigatus transcription factor KO collection

Review date: 28 Feb 2027

Issued to: Users of *Aspergillus fumigatus* transcription factor KO collection

Access: Document to be downloaded from Culture Collections website
www.culturecollections.org.uk

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UK Health Security Agency
Porton Down
Salisbury
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1. Identification of the substance/mixture and of the company/undertaking

Product name: 96-well plates. Each well contains a different *A. fumigatus* knockout mutant as a 40ul spore suspension in PBS-tween20 glycerol.

Refer to the relevant cell line data entry on the Culture Collections website:

www.culturecollections.org.uk

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2. Hazards Identification

Physico-chemical hazard: Not applicable

Health hazard: Minimal risk of infection provided good laboratory practice is observed and appropriate containment facilities are used for organisms of Hazard Group 2 and GM class 2.

Environmental hazard: Not applicable

3. Composition/information on ingredients

Heat sealed 96-well plate, each well containing a 40ul spore suspension in PBS-tween20 glycerol. *A. fumigatus* is designated Hazard Group 2 (as defined by the Advisory Committee on Dangerous Pathogens 2004 Approved List of Biological Agents <http://www.hse.gov.uk/pubns/misc208>). A Hazard Group 2 organism may cause human disease and may be a hazard to laboratory workers, but is unlikely to spread to the community. All of the strains are genetically modified (GM class 2).

4. First aid measures

If accidental contact with material occurs, laboratory staff must follow local first aid procedures that are normally applied following exposure to such material.

5. Fire-fighting measures

Not applicable



6. Accidental release measures

Local risk assessments should be in place prior to purchasing and handling NCTC strains. *A. fumigatus* can be killed effectively using 1% Virkon or Chemgene. Validated decontamination procedures should be in place prior to purchasing and handling NCTC strains.

7. Handling and storage

Store at -80°C prior to opening. Plates must be processed in a laboratory environment which, as defined by national regulations or guidelines, is suitable for the handling of microorganisms of ACDP Hazard Group 2 or GM level 2 organisms, as appropriate. Staff handling the material should have been trained in the handling of infectious biological material and specifically in handling *A. fumigatus*. The material should be treated with the same degree of care as would be exercised with routine samples. Hand-to-mouth contact should be avoided while working with the samples and normal hand-washing procedures relating to the handling of routine samples must be observed. The production of aerosols should be avoided.

8. Exposure controls / personal protection

Use good laboratory practice and wear appropriate laboratory coats, protective eye wear and gloves. Plates should be handled in a Class 2 microbiology safety cabinet conforming to EN12469:2000 *Biotechnology – Performance criteria for microbiological safety cabinets* or appropriate local equivalents.

9. Physical and chemical properties

Inert odourless aqueous material.

10. Stability and reactivity

Long term storage will not increase the risks of infection associated with handling the material.

11. Toxicological information

Not applicable

12. Ecological information

Not applicable

13. Disposal considerations

The used material must be disposed of using an autoclave as for routine samples containing GM class 2 infectious microorganisms and in accordance with all local and national regulations.

