

DUALSYSTEMS BIOTECH
Material Safety Data Sheet

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Version 2.0

1 - Product and Company Information

Product Name DSY-5 yeast expression strain
Product Number P04003

Company Dualsystems Biotech
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SECTION I - AGENT

NAME: *Saccharomyces cerevisiae* strain DSY-5
SYNONYM OR CROSS REFERENCE: *Saccharomyces*, bakers yeast
CHARACTERISTICS: Small, nonmotile, nonencapsulated, spheres

SECTION II - HEALTH HAZARD

PATHOGENICITY: Not pathogenic
EPIDEMIOLOGY: Worldwide; commonly found in soil
HOST RANGE: n/a
INFECTIOUS DOSE: Not infectious for humans
MODE OF TRANSMISSION: n/a
INCUBATION PERIOD: n/a
COMMUNICABILITY: n/a

SECTION III - DISSEMINATION

RESERVOIR: n/a
ZOONOSIS: None
VECTORS: None

SECTION IV - VIABILITY

DRUG SUSCEPTIBILITY: Sensitive to translation blockers, such as G418
DRUG RESISTANCE: n/a
SUSCEPTIBILITY TO DISINFECTANTS: Susceptible to 70% ethanol, 2% glutaraldehyde, 1% sodium hypochlorite
PHYSICAL INACTIVATION: Heating at 121°C for 15 minutes under pressure
SURVIVAL OUTSIDE HOST: n/a

SECTION V - MEDICAL

SURVEILLANCE: n/a
FIRST AID/TREATMENT: Administer appropriate drug therapy
IMMUNIZATION: None available
PROPHYLAXIS: None available

SECTION VI - LABORATORY HAZARDS

LABORATORY-ACQUIRED INFECTIONS: None reported to date
SOURCES/SPECIMENS: Common laboratory strains
PRIMARY HAZARDS: Not infectious, not toxic to humans

SPECIAL HAZARDS: None

SECTION VII - RECOMMENDED PRECAUTIONS

CONTAINMENT REQUIREMENTS: No special containment requirements, organism is classified as GRAS. Dispose by autoclaving at 121°C for 15 minutes.
PROTECTIVE CLOTHING: Laboratory coat and gloves
OTHER PRECAUTIONS: None

SECTION VIII - HANDLING INFORMATION

SPILLS: Allow aerosols to settle; wearing protective clothing cover the spill with absorbent paper and apply 1% sodium hypochlorite, starting at the perimeter and working towards the centre; allow sufficient contact time (30 min) before clean up
DISPOSAL: Decontaminate all wastes before disposal; steam sterilization, chemical disinfection, incineration
STORAGE: In sealed containers that are appropriately labelled

SECTION IX - TRANSPORT INFORMATION

RID/ADR

Non-hazardous for road transport.

IMDG

Non-hazardous for sea transport.

IATA

Non-hazardous for air transport.

SECTION X - MISCELLANEOUS INFORMATION

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