

1. Identification of the substance/preparation and of the company /undertaking

1.1 Product Details:

Trade Names: Co-CRISPR Screening Kit with unc-18

Catalogue Numbers: KQC101

Kit Components:

Component #	Component ID	Description (optional)	# of units/ kit
A	KCC-MIX	Co-Crispr Injection Mix	3 Vials
B	KCC-filter	filter	3 Filters
C	KCC-Vials	empty vials	3 Vials
D	KCC-Strain	Worms to be used by client as injection strain	1 Plate
E	KCC-Primers	Primers used to verify that the Co-Crispr locus is returned to WT	1 Vial

1.2 Company Details

Supplier:

Nemametrix Inc.

1505 Westec Dr.

Eugene, OR 97402

(844) 863-8749

E: support@nemametrix.com

www.nemametrix.com

Further information obtainable from technical support as detailed above

1.3 Emergency Details.

Nemametrix

Inc. 1505

Westec Dr.

Eugene, OR 97402

(844) 863-8749

E: support@nemametrix.com

2: Hazards identification

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture.

2.2 GHS Label elements, including precautionary statements Not a hazardous substance or mixture.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none

3: Composition/information on ingredients

3.2 Mixtures

No components need to be disclosed according to the applicable regulations.

4: First aid measures

4.1 Description of first aid measures If inhaled If breathed in, move person into fresh air. If not breathing, give artificial respiration. In case of skin contact Wash off with soap and plenty of water. In case of eye contact Flush eyes with water as a precaution. If swallowed Never give anything by mouth to an unconscious person. Rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed. The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11 **4.3 Indication of any immediate medical attention and special treatment needed** No data available

5: Firefighting measures

5.1 Extinguishing media Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture Carbon oxides, Nitrogen oxides (NOx)

5.3 Advice for firefighters Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information No data available

Nemamatrix Inc.
1505 Westec Drive
Eugene, OR 97402
(844) 863-8749 E:
support@nemamatrix.com
www.nemamatrix.com



Safety Data Sheet

6: Accidental release measures

NemaMatrix

6.1 Personal precautions, protective equipment and emergency procedures Avoid breathing vapors, mist or gas. For personal protection see section 8.

6.2 Environmental precautions No special environmental precautions required.

6.3 Methods and materials for containment and cleaning up. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections. For disposal see section 13

7: Handling and storage

7.1 Precautions for safe handling For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities Keep container tightly closed in a dry and well-ventilated place. Recommended storage temperature -20 °C Storage class (TRGS 510): 12: Non Combustible Liquids

7.3 Specific end use(s) Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8: Exposure controls/personal protection

8.1 Control parameters

Components with workplace control parameters Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Appropriate engineering controls General industrial hygiene practice.

Personal protective equipment

Eye/face protection: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.



Safety Data Sheet

Body Protection: Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection: Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Control of environmental exposure No special environmental precautions required.

9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- a) Appearance Form: suspension
- b) Odour No data available
- c) Odour Threshold No data available
- d) pH No data available
- e) Melting point/freezing point No data available
- f) Initial boiling point and boiling range No data available
- g) Flash point ()No data available
- h) Evaporation rate No data available
- i) Flammability (solid, gas) No data available
- j) Upper/lower flammability or explosive limits No data available
- k) Vapour pressure No data available
- l) Vapour density No data available
- m) Relative density No data available
- n) Water solubility No data available
- o) Partition coefficient: n-octanol/water No data available
- p) Auto-ignition temperature No data available
- q) Decomposition temperature No data available
- r) Viscosity No data available
- s) Explosive properties No data available
- t) Oxidizing properties No data available

9.2 Other safety information No data available

10: Stability and reactivity



Safety Data Sheet

10.1 Reactivity No data available

NemaMetrix 10.2 Chemical stability Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions No data available

10.4 Conditions to avoid No data available

10.5 Incompatible materials Strong oxidizing agents

10.6 Hazardous decomposition products

Other decomposition products - No data available

11: Toxicological information

11.1 Information on toxicological effects

- Acute toxicity No data available
- Inhalation: No data available
- Dermal: No data available
- Skin corrosion/irritation No data available
- Serious eye damage/eye irritation No data available
- Respiratory or skin sensitisation No data available
- Germ cell mutagenicity No data available
- Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

- Reproductive toxicity No data available
- Specific target organ toxicity - single exposure No data available
- Specific target organ toxicity - repeated exposure No data available
- Aspiration hazard No data available
- Additional Information RTECS: Not available

Nemamatrix Inc.
1505 Westec Drive
Eugene, OR 97402
(844) 863-8749 E:
support@nemamatrix.com
www.nemamatrix.com



NemaMetrix

Safety Data Sheet

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

12. Ecological Information

12.1 Toxicity No data available

12.2 Persistence and degradability No data available

12.3 Bioaccumulative potential No data available

12.4 Mobility in soil No data available

12.5 Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted 1

2.6 Other adverse effects No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product: Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging: Dispose of as unused product.

SECTION 14: Transport information

- **DOT (US)** Not dangerous goods
- **IMDG** Not dangerous goods
- **IATA** Not dangerous goods

SECTION 15: Regulatory information

SARA 302 Components This material does not contain any components with a section 302 EHS TPQ.

SARA 313 Components This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards No SARA Hazards

Nemamatrix Inc.
1505 Westec Drive
Eugene, OR 97402
(844) 863-8749 E:
support@nemamatrix.com
www.nemamatrix.com



Safety Data Sheet

16. Other Information

NemaMatrix This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.