

# SAFETY DATA SHEET

Cat# BN01083, Cell Migration/Chemotaxis Assay Kit (24-well, 8 µm)

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Cell Migration/Chemotaxis Assay Kit (24-well, 8 µm)  
**PRODUCT CODES:** Cat# BN01083  
**MANUFACTURER:** Assay Genie (brand of Reagent Genie Ltd.)  
**ADDRESS:** G1 The Steelworks, Foley Street, Dublin 1  
**EMERGENCY PHONE:** +353 1 8879802

## SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Component	Description	Volume	Safety Information
Wash Buffer	Liquid	100 ml	No hazards
Cell Dissociation Solution	Liquid	14 ml	No hazards
Control Migration Inducer	Liquid	1.5 ml	No hazards
Cell Dye	Contains proprietary dye	1 ml	See below
Cell Migration Chamber	96-well Plate	1 ea	No hazards

**NOTE:** The safety data shown below is based on pure ingredients: The amounts in this kit are far less.

## SECTION 3: HAZARDS IDENTIFICATION

Component	CAS Number	EC-No.	Molecular Weight	Chemical Formula
Proprietary dye	--	--	--	--

### Proprietary dye:

#### Emergency Overview

#### GHS Classification:

Eye irritation (Category 2A)  
Skin irritation (Category 2)  
Specific target organ toxicity – single exposure (Category 3)

#### GHS Label elements, including precautionary statements



Pictogram:

Signal word:

Warning

Hazard statement(s):

H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.

Precautionary statement(s):

P261 Avoid breathing dust/fumes/gas/mist/vapors/spray.  
P264 Wash hands thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 Call a POISON CENTER or doctor/ physician if you feel unwell.

P321 Specific treatment (see supplemental first aid instructions on this label).

P332 + P313 If skin irritation occurs: Get medical advice/ attention.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

P362 Take off contaminated clothing and wash before reuse.

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

P501 Dispose of contents/ container to an approved waste disposal plant.

#### HMIS Classification

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Health hazard: 2  
Flammability: 0  
Physical hazards: 0  
NFPA Rating  
Health Hazard: 2  
Fire: 0  
Reactivity Hazard: 0

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## SECTION 4: FIRST AID MEASURES

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**General advice:** Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.  
**If inhaled:** If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.  
**In case of skin contact:** Wash off with soap and plenty of water. Consult a physician.  
**In case of eye contact:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.  
**If swallowed:** Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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## 5: FIRE-FIGHTING MEASURES

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**Condition of flammability:** Not flammable or combustible.  
**Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.  
**Special protective equipment for fire-fighters:** Wear self-contained breathing apparatus for firefighting if necessary.  
**Hazardous combustion products:** Hazardous combustion products formed under fire conditions – no data available.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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**Personal precautions:** Avoid dust formation. Avoid breathing vapors, mist, gas, or dust. Ensure adequate ventilation.  
**Environmental precautions:** Do not let product enter drains.  
**Methods for cleaning up:** Sweep up and shovel. Keep in suitable, closed containers for disposal.

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## SECTION 7: HANDLING AND STORAGE

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**Precautions for safe handling**  
Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.  
**Conditions for safe storage**  
Keep container tightly closed in a dry and well-ventilated place.  
Recommended storage temperature: -20 °C

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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Contains no substances with occupational exposure limit values.  
**Personal protective equipment**  
**Respiratory protection**  
Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).  
**Hand 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.  
**Eye protection**  
Tightly fitting safety goggles. Face shield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).  
**Skin and body protection**  
Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.  
**Hygiene measures**  
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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Property	Proprietary dye
Appearance:	Powder
pH:	No data available
Water Solubility:	No data available

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Other Solubility:	No data available
Specific Gravity (g/ml):	No data available
Boiling Point (°C):	No data available
Melting Point (°C):	No data available
Flash Point (°C):	No data available
Ignition Temperature (°C):	No data available
Density	No data available

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## SECTION 10: STABILITY AND REACTIVITY

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Property	Proprietary dye
Chemical stability	Stable under recommended storage conditions
Conditions to avoid:	Moisture
Materials to avoid:	Strong oxidizing agents
Hazardous decomposition products:	No data available

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## SECTION 11: TOXICOLOGICAL INFORMATION

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### **Proprietary dye:**

**Acute toxicity:** no data available

**Skin corrosion/irritation:** no data available

**Serious eye damage/eye irritation:** no data available

**Respiratory or skin sensitization:** 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.

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

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 identified as a carcinogen or potential carcinogen by OSHA.

**Reproductive toxicity:** no data available

**Teratogenicity:** no data available

**Specific target organ toxicity – single exposure (GHS):** no data available

**Specific target organ toxicity – repeated exposure (GHS):** no data available

**Aspiration hazard:** no data available

### **Potential Health Effects**

**Inhalation:** May be harmful if inhaled. Causes respiratory tract irritation.

**Skin:** May be harmful if absorbed through skin. Causes skin irritation.

**Eyes:** Causes eye irritation.

**Ingestion:** Harmful if swallowed.

**Signs and Symptoms of Exposure:** Exposure may cause gastroenteritis, nausea, vomiting, abdominal discomfort, diarrhea, somnolence, listlessness, mental confusion, convulsions, anorexia, fall of blood pressure, cardiac arrhythmias, heart block, polyuria, and polydipsia.

**Synergistic effects:** no data available

**Additional information:** RTECS: not available

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## SECTION 12: ECOLOGICAL INFORMATION

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### **Proprietary dye:**

**Persistence and degradability:** no data available

**Toxicity:** no data available

**Bioaccumulative potential:** no data available

**Mobility in soil:** no data available

**PBT and vPvB assessment:** no data available

**Other adverse effects:** no data available

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## SECTION 13: DISPOSAL CONSIDERATIONS

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**Product:** Observe all federal, state, and local environmental regulations.

**Contaminated packaging:** Dispose of as unused product.

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## SECTION 14: TRANSPORT INFORMATION

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**Proprietary dye:**

**DOT (US):** Not dangerous goods.

**IMDG:** Not dangerous goods.

**IATA:** Not dangerous goods.

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## SECTION 15: REGULATORY INFORMATION

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**Proprietary dye:**

**SARA 302 Components:** SARA 302: No chemical in this material are subject to the reporting requirements of SARA Title III, Section 302.

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

**SARA 311/312 Hazards:** Acute Health Hazard

**Massachusetts Right To Know Components:** No components are subject to the Massachusetts Right to Know Act.

**Pennsylvania Right To Know Components:** Proprietary dye, CAS-No. --

**New Jersey Right To Know Components:** Proprietary dye, CAS-No. --

**California Prop. 65 Components:** This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

**EU regulations:** This product is not classified according to the EU regulations.

Component	Risk Phrases	Safety Phrases
Proprietary dye	--	--

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## SECTION 16: OTHER INFORMATION

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**DISCLAIMER:**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Assay Genie shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.