

# Material Safety Data Sheet

Date Created 11/05/2012  
Date Updated  
Version 1.0

## Section 1- Product Information

Product Name DYKDDDDK(Flag) Tag Antibody Plate  
Product Cat. No. L00455C; L00455W; L00455B

## Section 2- Composition / Information on Ingredients

Substance / Preparation: Substance  
Ingredient Name DYKDDDDK(Flag) Tag Antibody Plate  
CAS No. No  
SARA 313 No

## Section 3- Hazards Identification

NFPA Rating  
Health 2  
Flammability 0  
Reactivity 0

For additional information on toxicity, please refer to Section 11.

## Section 4- First Aid Measures

Oral Exposure If swallowed, wash out mouth with water provided person is conscious. Call a physician.  
Inhalation Exposure If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.  
Dermal Exposure In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.  
Eye Exposure In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

## Section 5- Fire Fighting Measures

Flash Point Not available  
Autoignition Temp Not available  
Flammability Not available  
Extinguishing Media  
Suitable Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.  
Fire Fighting  
Protective Equipment Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.  
Specific Hazard(s) Emits toxic fumes under fire conditions

## Section 6- Accidental Release Measures

Procedure to Be Followed in Case of Leak or Spill Evacuate area  
Procedure(s) of Personal Precaution(s) Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves  
Methods for Cleaning Up Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

## Section 7- Handling and Storage

Handling  
User Exposure Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.  
Storage Storage at 2-8°C

## Section 8- Exposure Controls/Personal Protection Equipment

Engineering Controls Mechanical exhaust required  
Personal Protective Equipment  
Respiratory Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) respirator.

Other	Wear appropriate government approved respirator, chemical-resistant gloves, safety goggles, other protective clothing.
General Hygiene Measures	Wash thoroughly after handling

### Section 9- Physical and Chemical Properties

Appearance	Physical State	Color
DYKDDDDK Tag Antibody Plate	Plate	Colorless
Property		
Molecular Weight	Not available	
pH	Not available	
BP/BP Range	Not available	
MP/MP Range	Not available	
Freezing Point	Not available	
Vapor Pressure	Not available	
Vapor Density	Not available	
Saturated Vapor Conc.	Not available	
SG/Density	Not available	
Bulk Density	Not available	
Odor Threshold	Not available	
Volatile%	Not available	
VOC Content	Not available	
Water Content	Not available	
Solvent Content	Not available	
Evaporation Rate	Not available	
Viscosity	Not available	
Surface Tension	Not available	
Partition Coefficient	Not available	
Decomposition Temp.	Not available	
Flash Point	Not available	
Explosion Limits	Not available	
Flammability	Not available	
Autoignition Temp	Not available	
Refractive Index	Not available	
Optical Rotation	Not available	
Miscellaneous Data	Not available	

### Section 10- Stability and Reactivity

Stability	
Stable	Stable
Hazardous Decomposition Products	
Hazardous Decomposition Products	Nature of decomposition products not known

### Section 11- Toxicological Information

Route of Exposure	
Skin Contact	May cause skin irritation
Skin Absorption	May be harmful if absorbed through the skin
Inhalation	Material may be irritating to mucous membranes and upper respiratory tract, May be harmful if inhaled.
Ingestion	May be harmful if swallowed
Conditions Aggravated by Exposure	The toxicological properties have not been thoroughly investigated.

### Section 12- Ecological Information

Eco-toxicity	
Toxicity of The Products of Biodegradation	The product itself and its products of degradation are not toxic.

### Section 13- Disposal Considerations

Appropriate Method of Disposal of Substance or Preparation	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
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### Section 14- Transport Information

DOT	
Proper Shipping Name	None
Non-Hazardous for Transport	This substance is considered to be non-hazardous for transport.

IATA  
Non-Hazardous for Air Transport      Non-hazardous for air transport

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**Section 15- Regulatory Information**

United States Regulatory information	
SARA Listed	No
Canada Regulatory Information	
WHMIS Classification	This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.
DSL	No
NDSL	No

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**Section 16- Other Information**

Disclaimer      For *in vitro* research use only.  
GenScript corporation MSDS is believed to be correct but only used as a guide for experienced personnel, GenScript shall not be held liable for any damage resulting from the handling or from contact with the above product.