

# SAFETY DATA SHEET

## SECTION 1 – Product & Company Information

Product Name: DNA & RNA Precipitation and Reconstitution Solutions  
Catalog No.: 40-300X-XX; 40-501X-XX; 40-513X-XX

**Company Information:** Gene Link  
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**Address:** 1 Westchester Plaza, Suite 126  
Elmsford, NY 10523, USA

## SECTION 2– Composition & Ingredient Information

Mixture of substances listed below with non-hazardous additions. Aqueous based proprietary ingredients containing buffers, salts including NaCl, detergents, emulsifiers and other nonhazardous chemicals. Contain chemicals that are classified as irritants.

Per OSHA 29CFR1910.1200, the latest amendments to the European Union Directives 67/548/EC and 1999/45/EC, and Commonwealth of Australia [NOHSC:1005,1008(1999)] this product does not require a Material Safety Data Sheet (MSDS). This product does not contain more than 1% of a component classified as hazardous and does not contain more than 0.1% of a component classified as carcinogenic. However, when working with this or any chemical reagent, we always recommend the use of gloves, lab coats, and eye protection. Gene Link, Inc. assumes no liability for damage resulting from handling or contact with this product.

## SECTION 3– Hazard Identification

Hazard Description: Xi Irritant.

Information concerning to hazards to man and environment.

R 36 Irritating to eyes.

Classification system:

The classification is in line with current EC lists. It is extended, by information from technical literature and company information.

## SECTION 4– First Aid Measures

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Generally, the product does not irritate the skin.

After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing: If symptoms persist consult doctor.

## SECTION 5– Fire Fighting Measures

Suitable extinguishing agents:

CO2, powder, or water spray. Fight larger fires with water spray or alcohol resistant foam.

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## SECTION 6– Accidental Release Measures

Person-related safety precautions: Not required.

Measures for environmental protection: Do not allow to enter sewers/ surface or ground water.

Measures for cleaning/collecting:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Ensure adequate ventilation.

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## SECTION 7– Handling & Storage

No special precautions are necessary if used correctly. See Section 8.

Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Store as labeled.

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## SECTION 8– Exposure Controls & Personal Protection

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.



Eyes: Safety glasses are considered minimum protection.

Skin: Protective gloves and clothing are recommended

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## SECTION 9– Physical & Chemical Properties

Solid lyophilized and colorless water-based liquid.

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## SECTION 10– Stability & Reactivity Data

Stable product, avoid long exposure to light. Do not mix with oxidizers. No decomposition if used according to specifications. No dangerous known reactions.

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## SECTION 11– Toxicological Information

Irritant to eye.

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. Irritant

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## SECTION 12– Ecological Information

General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

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Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Rinse off larger amounts into drains or the aquatic environment may lead to decreased pH-values. A low pH value harms aquatic organism. In the dilution of the use-level the pH-value is considerably increased, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

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### **SECTION 13– Disposal Considerations**

Must not be disposed together with household garbage. Do not allow product to reach sewage system. Disposal must be made according to official Federal and State regulations.

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### **SECTION 14– MSDS Transport Information**

DOT Regulations: Non-Regulated  
Shipping Name: Non-Regulated  
IATA-DGR Regulations: NA  
Shipping Name: Non-Regulated  
RID/ADR: NA  
ADNR: ND  
OSHA Labeling Requirements: NA

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### **SECTION 15– Regulatory Information**

Labelling according to EU guidelines:

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials

Risk phrases:

36 Irritating to eyes.

Safety phrases:

2 Keep out of the reach of children.

23 Do not breathe gas/fumes/vapor/spray (appropriate wording to be specified by the manufacturer).

25 Avoid contact with eyes.

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

46 If swallowed, seek medical advice immediately and show this container or label.

56 Dispose of this material and its container to hazardous or special waste collection point.

National regulations

Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

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### **SECTION 15– Other Information**

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.

Relevant R-phrases

36 Irritating to eyes.

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