

MATERIAL SAFETY DATA SHEET

SECTION 1 – Product & Company Information

Product Name: Omni-Pure™ and Omni-Clean™ RNA, DNA and plasmid purification kits.
Catalog No.: 40-4XXX-XX

Company Information: Gene Link
E-mail: cust_service@genelink.com; support@genelink.com
Telephone: 1-914-769-1192
Fax: 1-914-769-1193
Address: 140 Old Saw Mill River Road
Hawthorne, NY 10532, 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 non hazardous chemicals. Contain chemicals that are classified as irritants.

SECTION 3– Hazard Identification

Hazard Description: Xi Irritant.

Information concerning to particular hazards to man and environment

The product has to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

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.

140 Old Saw Mill River Road | Hawthorne, NY 10532-1515 | tel: 914-769-1192 | fax: 914-769-1193 | www.genelink.com



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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.

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.

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

SECTION 9– Physical & Chemical Properties

Solid lyophilized and colorless water based liquid.

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.

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

SECTION 12– Ecological Information

General notes:

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

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Rinse off of bigger amounts into drains or the aquatic environment may lead to decreased pH-values. A low pH value harms aquatic organisms. 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.

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.

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

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

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.
