

Version: 01

Update: 12/27/2023

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## Section 1-Identification of the substance/mixture and of the company/undertaking

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### 1.1 Identification of the substance or mixture

Product code : L01015C-75

Product name : eBlot L2 Transfer Basic Kit, midi

### 1.2 Company/undertaking identification

GenScript Technologies : Laboratory chemicals, Manufacture of substances

### 1.3 24 hour Emergency Response:

Emergency Phone #: 1-732-885-9188

Telephone : 1-877-436-7274

Fax : 1-732-210-0262

E-mail address : [product@genscript.com](mailto:product@genscript.com)

Web : <http://www.genscript.com>

### 1.4 For Research Use Only. Not for use in diagnostic procedures.

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## Section 2- Hazards identification

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### 2.1 GHS - Classification

#### Signal Word

Not hazardous

#### Health hazards

Not classified

#### Hazard Statements

H315 - Causes skin irritation

H319 - Causes serious eye irritation

#### Precautionary Statements

P264 - Wash hands, forearms and face thoroughly after handling

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

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

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

P321 - Specific treatment (see ... on this label)

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

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

P362 + P364 - Take off contaminated clothing and wash it before reuse

### 2.2 Other hazards

**Other hazards not contributing to the classification: None.**

### 2.3 HMIS

Health	1
Flammability	0
Physical	0
Personal protection	B

B – Safety glasses, Gloves

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**Section 3- Composition/information on ingredients**

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Chemical Name	CAS-No	EINECS-No	Weight%
Tris Base	77-86-1	201-064-4	5-20%
Water	7732-18-5	231-791-2	80-95%

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**Section 4- First aid measures**

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**4.1 Skin contact**

Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.

**4.2 Eye contact**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

**4.3 Ingestion**

Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

**4.4 Inhalation**

Allow victim to breathe fresh air. Allow the victim to rest.

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**Section 5- Firefighting measures**

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**5.1 Suitable extinguishing media**

Water spray. Carbon dioxide (CO<sub>2</sub>). Foam. Dry chemical.

**5.2 Special protective equipment for firefighters**

Standard procedure for chemical fires.

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**Section 6- Accidental release measures**

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**6.1 Personal precautions**

Always wear recommended Personal Protective Equipment. Use personal protection equipment.

**6.2 Methods for cleaning up**

Soak up with inert absorbent material.

**6.3 Environmental precautions**

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

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**Section 7- Handling and storage**

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**7.1 Handling**

Always wear recommended Personal Protective Equipment. No special handling advices are necessary.

**7.2 Storage**

Keep in a dry, cool and well-ventilated place.

Keep container closed when not in use.

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## Section 8- Exposure controls/personal protection

### 8.1 Exposure Limits

Chemical Name	PEL	REL	TLV
Tris Base	None	None	None

### 8.2 Personal Protective Equipment

Appropriate engineering controls	: Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.
Personal protective equipment	: Safety glasses. Gloves.
Hand protection	: Wear protective gloves.
Eye protection	: Chemical goggles or safety glasses.
Respiratory protection	: Respiratory protection not required in normal conditions.
Other information	: Do not eat, drink or smoke during use.

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## Section 9- Physical and chemical properties

### 9.1 General information

Form	Liquid
Appearance	colourless
Odor	No data available
Odor Threshold	No data available
Boiling point / boiling range	°C No data available °F No data available
Melting point / melting range	°C No data available °F No data available
flash point	°C No data available °F No data available
Autoignition Temperature	°C No data available °F No data available
Oxidizing properties	No data available
Water solubility	completely miscible with water

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## Section 10: Stability and reactivity

### 10.1. Reactivity

No additional information available.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong oxidizers. Strong bases. metals.

### 10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide.

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## Section 11-Toxicological information

### 11.1 Acute Toxicity

Chemical Name	LD50 (oral, rat/mouse)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat/mouse)
Tris Base	> 3,000 mg/kg (rat)	> 5,000 mg/kg (rat)	no data available

No toxicology information is available.

### 11.2 Principle Routes of Exposure Potential Health Effects

Eyes	May cause eye irritation with susceptible persons.
Skin	May cause skin irritation in susceptible persons.
Inhalation	May be harmful by inhalation.
Ingestion	May be harmful if swallowed.
Carcinogenic effects	None.
Mutagenic effects	None.
Reproductive toxicity	None.
Sensitization	None.

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## Section 12- Ecological information

<b>12.1 Ecotoxicity</b>	Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.
<b>12.2 Mobility</b>	No information available.
<b>12.3 Biodegradation</b>	Inherently biodegradable.
<b>12.4 Bioaccumulation</b>	Material does not bioaccumulate.

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## Section 13- Disposal considerations

Dispose of contents/containers in accordance with local regulations.

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## Section 14- Transport information

### Proper Shipping Name

Not dangerous goods.

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## Section 15- Regulatory information

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### 15.1 US Federal Regulations

#### SARA 313

This product is not regulated by SARA.

#### Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain HAPs.

### 15.2 US State Regulations

Chemical Name	Massachusetts - RTK	New Jersey - RTK	Pennsylvania - RTK
Tris Base	-	-	-

#### California Proposition 65

This product does not contain any Proposition 65 chemicals.

### 15.3 WHMIS Hazard Class

Non-controlled.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

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## Section 16- Other information

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### 16.1 Reason for revision

SDS sections updated.

For Research Use Only. Not for use in diagnostic procedures.

"The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since the Company cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. THE INFORMATION IN THIS SDS DOES NOT CONSTITUTE A WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE"

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