

120 Centennial Ave  
 Piscataway  
 NJ 08854, USA

Technical phone	732-885-9188 ext 127
Emergency phone	732-885-9188 ext 111
Fax	732-210-0262
Email	info@genscript.com
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### Section 1-Product information

Product name	Quickclean 5M Miniprep Kit
Product Cat. No.	L00193

### Section 2-Composition / information on ingredients

Substance/Preparation:	Preparation		
Ingredient Name	Quickclean 5M Miniprep Kit		
Dangerous components	Sodium hydroxide	Guanidine hydrochloride	Sodium dodecylsulfate
CAS No.	1310-73-2	50-01-1	151-21-3
Percentage	0.1% - 95%	20% - 60%	0.1% - 2.5%

### Section 3- Hazards identification

Physical/chemical hazards	Harmful
Human health hazards	Harmful if swallowed Irritating to eyes and skin
NFPA ratings (scale 0 – 4)	Health Rating: 2 Reactivity Rating: 1 Contact Rating: 3 - Severe (Corrosive)

### Section 4- First-aid measures

First-aid measures	
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin Contact	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
Eye Contact	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
Aggravating conditions	Repeated or prolonged exposure is not known to aggravate medical condition.

### Section 5- Fire-fighting measures

Flammability of the Product	May be combustible at high temperature.
Extinguishing Media Suitable	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.
Hazardous thermal (de)composition products	These products are carbon oxides (CO, CO <sub>2</sub> ), nitrogen oxides (NO, NO <sub>2</sub> ...).
Special fire-fighting procedures	Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.
Protection of fire-fighters	Be sure to use an approved/certified respirator or equivalent.

### Section 6- Accidental release measures

Personal precautions	Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
Small Spill and Leak	Use appropriate tools to put the spilled solid in a convenient waste

Large Spill and Leak	disposal container. Use a shovel to put the material into a convenient waste disposal container.
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## Section 7-Handling and storage

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Handling	Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust.
Storage	Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 4°C (39.2°F).
Packaging materials Recommended use	Use original container

## Section 8-Exposure controls/personal protection

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Engineering measures	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
Hygiene measures	Wash hands after handling compounds and before eating, smoking, using lavatory, and at the end of day.
Personal protective equipment	
Skin and body	Lab coat
Eyes	Safety glasses
Protective Clothing (Pictograms)	



## Section 9- Physical and chemical properties

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Physical state	Liquid
Color	Not available
Molecular Weight	Not available
Solubility	Not available
Flash point	Not available
Explosive properties	Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

## Section 10- Stability and reactivity

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Stability	The product is stable.
Conditions to avoid	Not available
Hazardous Decomposition Products	These products are carbon oxides (CO, CO <sub>2</sub> ), nitrogen oxides (NO, NO <sub>2</sub> ...).

## Section 11- Toxicological information

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RTECS #	N/A
Local effects	
Skin irritation	Not available
Acute toxicity	LD50: Not available LC50: Not available
Chronic toxicity	Repeated or prolonged exposure is not known to aggravate medical condition.
Other Toxic Effects on Humans	Not available No specific information is available in our database regarding the other toxic effects of this material for humans. Not available To the best of our knowledge, the toxicological properties of this product have not been thoroughly investigated.
Carcinogenic effects	Not available
Mutagenic effects	Not available
Reproduction toxicity	Not available

Teratogenic effects Not available

## Section 12- Ecological information

Ecotoxicity Not available  
 Toxicity of the Products of Biodegradation The product itself and its products of degradation are not toxic.

## Section 13- Disposal considerations

Methods of disposal; Waste of residues; Contaminated Packaging Waste must be disposed of in accordance with federal, state and local environmental control regulations.

## Section 14- Transport information

International transport regulations  
 Land - Road/Railway  
 ADR/RID Class Not controlled under ADR (Europe)  
 Sea  
 IMDG Class Not controlled under IMDG  
 Air  
 IATA-DGR Class Not controlled under IATA  
 Special Provisions for Transport Not applicable

## Section 15- Regulatory information

EU Regulations  
 Risk Phrases This product is not classified according to the EU regulations.  
 U.S. Federal Regulations  
 TSCA: No products were found  
 SARA 302/304/311/312 extremely hazardous substances: No products were found  
 SARA 302/304 emergency planning and notification: No products were found  
 SARA 302/304/311/312 hazardous chemicals: No products were found  
 SARA 311/312 MSDS distribution - chemical inventory - hazard identification: No products were found  
 SARA 313 toxic chemical notification and release reporting: No products were found  
 Clean Water Act (CWA) 307: No products were found  
 Clean Water Act (CWA) 311: No products were found  
 Clean air act (CAA) 112 accidental release prevention: No products were found  
 Clean air act (CAA) 112 regulated flammable substances: No products were found  
 Clean air act (CAA) 112 regulated toxic substances: No products were found  
 HCS Classification Not controlled under the HCS (United States)  
 State Regulations  
 WHMIS (Canada) Not controlled under WHMIS (Canada)  
 No products were found

## Section 16- Other information

Hazardous Material Information System (U.S.A.)

Health	0
Fire Hazard	1
Reactivity	0
Personal Protection	A

National Fire Protection Association (U.S.A.)



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.