

Safety Data Sheet

Section 1: Identification

Product identifier

Product Name: 5X Wash Solution For One-Step Western Kits

Product Code: MB01011

Relevant identified uses of the substance or mixture and uses advised against

Recommended use: Hazard Communication & Compliance

Details of the supplier of the safety data sheet

Manufacturer: GenScript
860 Centennial Ave.
Piscataway, NJ 08854 United States

www.genscript.com

product@genscript.com

Telephone (General): 1-732-885-9188

Emergency telephone number

Manufacturer: 1-877-436-7274

Section 2: Hazards identification

According to OSHA 29 CFR 1910.1200 HCS

Emergency Overview: Aqueous solution. Toxicological properties of components have not been fully investigated.

Health Effects: Not classified

Inhalation: Not known to present an inhalation hazard under normal use.

Skin: Causes skin irritation

Eyes: Causes serious eye irritation

Ingestion: May be harmful if swallowed.

Chronic Effects/Target Organ Effects: None known.

Medical Conditions Aggravated By Exposure: None known.

Environmental Effects: None known.

Section 3 - Composition/Information on Ingredients

Chemical Name

CAS-No

EINECS-No

Weight %

860 Centennial Ave., Piscataway, NJ 08854, USA

Toll-Free: 1-877-436-7274 Tel: 1-732-885-9188 Fax: 1-732-210-0262 Email: product@genscript.com Web: www.genscript.com

Tween 20

9005-64-5

500-018-3

2.66

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Section 4: First-Aid Measures

Inhalation	Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist. Seek immediate medical advice.
Skin	Instantly wash with water and soap and rinse thoroughly. Seek immediate medical advice.
Eye	Rinse opened eye for several minutes under running water. Then consult doctor.
Ingestion	Seek medical treatment.

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media: Water spray. Carbon dioxide (CO₂). Foam. Dry chemical.

Special protective equipment for firefighters

Standard procedure for chemical fires.

Section 6 - Accidental Release Measures

Personal Precautions	Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation
Methods for cleaning up	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Environmental precautions	Do not allow material to be released to the environment without proper governmental permits.

Section 7 - Handling and Storage

Handling: Keep containers tightly sealed.

Store in cool, dry place in tightly closed containers.

Information about protection against explosions and fires: The product is not flammable

Storage: Requirements to be met by storerooms and containers: No special requirements.

Information about storage in one common storage facility: Water reacts with many metals to give hydrogen, often violently. Water also reacts violently with many reactive organic and inorganic chemicals.

Further information about storage conditions: Keep container tightly sealed.
Store in cool, dry conditions in well sealed containers.

Section 8 - Exposure Controls/Personal Protection

Exposure Controls: Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.

Respiratory Protection: Respiratory protection not required in normal conditions.

Eye/Face Protection: Eye glasses with side protection DIN-/EN-Norms: DIN EN 166

Skin/Hand Protection: When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits.

Section 9 - Physical and Chemical Properties

General information

Form	Liquid
Appearance	Colorless
Odor	No data available
Odor Threshold	No data available
Boiling point / boiling range	No data available
Melting point / melting range	No data available
Flash point:	No data available
Autoignition Temperature	No data available
Oxidizing properties	No data available
Water solubility	No data available

Section 10: Stability and Reactivity

Reactivity

No additional information available

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

Not established.

Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

Incompatible materials

Strong oxidizers. Strong bases. Metals.

Hazardous decomposition products

None.

Section 11 - Toxicological Information**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.

Section 12 - Ecological Information

Ecotoxicity	Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.
Mobility	No information available.
Biodegradation	Inherently biodegradable.
Bioaccumulation	Material does not bioaccumulate.

No Ecological information is available.

Section 13 - Disposal Considerations

Product waste: Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste: Dispose according to local legislation. Handle contaminated packages in the same way as the substance itself.

Section 14 - Transport Information

Proper Shipping Name	No dangerous good in sense of these transport regulations
Hazard Class	None
Subsidiary class	None
Packing group	None
UN-No	None

Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

US Regulations:

This product meets the following SARA 311/312 hazard categories: none.

This product contains the following SARA 302 Extremely Hazardous Substances: none.

This product contains the following SARA 313 Toxic Chemicals: none.

This product contains the following CERCLA Hazardous Substances: none.

The components of this product are listed on TSCA.

EU Regulations:

This product does not meet the classification and labeling criteria under 1999/45/EC as a dangerous preparation.

The components of this product are listed on the European Inventory of Existing Chemical Substances (EINECS) or meet the polymer exemption.

Canadian Regulations:

This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and it contains the information required by the CPR.

This product meets WHMIS classification D2B.

Components of this product are listed on the DSL.

Section 16 - Other Information

Date Created	03/09/2010
Date Updated	03/19/2018
Version	1.2
Disclaimer/Statement of Liability	This information is furnished without warranty, expressed, or implied, except that it is accurate to the best knowledge of Genscript. The data on this sheet relates only to the specific material designated herein. Genscript, assumes no legal responsibility for the use or reliance upon these data. Information provided is based on information available to the company. Recipients should conduct their own risk assessments to consider their special circumstances.