

MILLIPORE

Health, Safety & Environment

Montage™ PCR Cleanup Kit Wash Solution

MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Millipore Corporation

80 Ashby Road
Bedford MA 01730
Information 781-533-2350

CHEMTREC Emergency Telephone Numbers:

United States 800-424-9300
International 703-527-3887 (collect)

PRODUCT: Montage PCR Cleanup Kit Wash Solution

Product Numbers:

Component of LSKC09601, LSKC09604,
LSKC09624

MSDS Number: M102436

Issue Date: October 4, 2002

Rev. Date: November 3, 2008

Revision: A

SUBSTANCE IDENTIFICATION

SUBSTANCE: Proprietary liquid

SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

Component	CAS No.	EINECS No.	Percent by Wt.
Proprietary liquid	Not Available	Not Available	>99
Nuclease Free Water	7732-18-5	231-491-2	<1

SECTION 3 – HAZARD IDENTIFICATION

EMERGENCY OVERVIEW:

Appearance: Colorless Liquid

Major Health Hazards: Does not present a health hazard. Contains no hazardous chemicals at a concentration of 1% or greater, nor any carcinogens at a concentration of 0.1% or greater.

Physical Hazards: Does not present a physical hazard.

Health Effects

Route of Entry Potential Health Effects and Symptoms of Exposure

Skin: Does not present a skin hazard

Eyes: Does not present an eye hazard

Ingestion Does not present an ingestion hazard

Inhalation: Does not present an inhalation hazard

Target organs: None known

Medical Conditions None known

Aggravated by Exposure:

SECTION 4 - FIRST AID

Ingestion: No first aid measures are deemed necessary for ingestion.

Eyes: Pat eyes dry with soft cloth or tissue. Medical attention is necessary only if irritation should occur.

Skin: Wash with soap or mild detergent and water.

Inhalation: Remove from exposure to fresh air immediately. Get medical aid if cough or other symptoms appear.

SECTION 5 - FIRE FIGHTING MEASURES

Fire & Explosion Hazards: Not considered to be a fire or explosion hazard.

Extinguishing Media: Use media suitable for extinguishing surrounding fire.

Flash point: None

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Spills and Leaks: Absorb spill with inert material, (e.g., paper and towels), then place into trash.

SECTION 7- HANDLING AND STORAGE

Handling: Wash thoroughly after handling. Wash hands before eating. Avoid contact with eyes. Keep container tightly closed. Use with adequate ventilation.

Storage: Keep container closed when not in use. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

SECTION 8 - PERSONAL PROTECTION AND EXPOSURE CONTROL

Ventilation: General ventilation should be adequate for the quantities found in this kit.

Personal Protection: Wear safety glasses with side shields. Normally, gloves and protective clothing are not required when handling this solution

Respirator Use: Respirator use is typically not required.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Colorless solution
Specific Gravity	0.99 – 1.01
Odor	None
Odor threshold	Not available
Water solubility:	soluble
pH	6-7
Melting Point	Essentially that of water
Boiling Point	Essentially that of water
Vapor Pressure	Essentially that of water
Vapor Density	Essentially that of water
Volatility	>99%
Evaporation Rate	Essentially that of water
Coefficient of water/oil distribution:	Not available

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability: Stable at normal temperatures and pressure.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Heat, and incompatible materials.

Incompatible with: Concentrated strong acids and strong bases, reactive metals

Hazardous Decomposition Products: None known.

SECTION 11 - TOXICOLOGICAL INFORMATION

Carcinogenicity: This proprietary liquid is not listed as carcinogenic by IARC, NIOSH, NTP, or OSHA.

Acute Effects: None known

Exposure Limits:

<u>INGREDIENT</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Proprietary liquid	None listed	None listed

Toxicity Data:

Proprietary liquid

TDLo, oral, man*:	>40 gm/kg
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*Lowest published toxic dose

SECTION 12 - ECOLOGICAL INFORMATION

This liquid is compatible with natural aqueous environments and is non-toxic to aquatic life.

SECTION 13- DISPOSAL INFORMATION

This liquid is not a listed USEPA hazardous waste, and does not exhibit the properties of a characteristic hazardous waste. Wastes may be disposed to sanitary sewer system.

SECTION 14 - TRANSPORTATION INFORMATION

Montage Plasmid Miniprep₉₆ Wash Solution is not regulated by USDOT, ICAO/IATA, ADR or IMO as a hazardous material or dangerous goods.

SECTION 15 - REGULATORY INFORMATION

United States: This liquid is listed Toxic Substances Control Act (TSCA) Chemical Inventory. See regulations in 40 CFR 700 for details.

California: No significant Risk Level: None of the chemicals in this product are listed

European Union:

European Labeling in Accordance with EC Directives:

Hazard Symbols: None applicable

Risk Phrases: None applicable

Safety Phrases: None applicable

Japan: This liquid is not listed by the Poisonous and Deleterious Substances Control Law.

Canada: This product has a WHMIS classification of Not Classified.

SECTION 16- ADDITIONAL INFORMATION

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