

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

A. PRODUCT IDENTIFIERS

PRODUCT NAME : **Wash Buffer 1**
 PRODUCT NUMBER : **100215, 100589, 100529**
 SYNONYMS : **NA**

B. DETAILS OF SUPPLIER OF THE SAFETY DATA SHEET

COMPANY : **Twist Bioscience**
455 Mission Bay Boulevard South
San Francisco, CA 94158
 TELEPHONE : **(415) 216-8966**
 EMERGENCY PHONE # : **In the event of chemical emergencies: Contact CHEMTREC 24 Hour Emergency Telephone:**
In US: 1-800-424-9300; International number (Outside the US): +1-703-741-5970

C. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE

For research and development purposes only

SECTION 2: HAZARD IDENTIFICATION

This solution is considered non-hazardous although some components in this solution are hazardous. The hazards at the dilute concentration in this solution are unknown. Individual components are corrosive and dangerous as listed: Skin corrosion/irritation=category 2; Eye damage/irritation=category 1 Target organ systemic Toxicity- category 3 damage Prudent laboratory practices must be followed. Avoid unnecessary contact and use personal protective equipment. Wear gloves, eye protection, and lab coats while using this reagent. Twist Bioscience shall not be held liable for any damages resulting from handling or from contact with the above product

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components	CAS-No	%
Trisodium citrate	6132-04-3	0.1-5%
Sodium Dodecyl Sulfate	151-21-3	0.01-2.0%

SECTION 4: FIRST AID MEASURES

SKIN CONTACT: Wash off immediately with plenty of water for at least 15 minutes. Remove contaminated clothing and wash it before reuse. Immediate medical attention is required.

EYE CONTACT: Wash eyes and under eyelid with large amounts of water for at least 15 minutes. Immediate medical attention is required

INGESTION: Get medical attention. Call poison control

INHALATION: Remove from exposure area to fresh air immediately. Get medical attention immediately.

INJECTION: If accidentally injected, get medical attention.

NOTE TO PHYSICIAN:

SECTION 5: FIRE FIGHTING MEASURES

Fire and Explosion Hazard: NA
 Fire Extinguishing Media: Dry chemical, foam, carbon dioxide or water.

Supplier Information:

Twist Bioscience
 455 Mission Bay Boulevard South, San Francisco, CA 94158
 Email: customersupport@twistbioscience.com
 Phone: 1-415-216-8966

Other Information:

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SECTION 6: ACCIDENTAL RELEASE MEASURES

OCCUPATIONAL SPILL: Wear appropriate protective clothing, safety glasses and chemically compatible gloves. Avoid inhalation. Avoid sparks. Place contaminated material in appropriate container for waste disposal according to site

REPORTABLE QUANTITY (RQ): Not Applicable

SECTION 7: HANDLING AND STORING

Observe all federal, state and local regulations. Avoid contact with eyes, skin and clothing. Avoid sparks. Do not ingest or breathe vapor. Wash thoroughly after handling. Keep tightly closed. Store at 8-30C. Wear personal protective equipment. Use good laboratory practices for handling and storage of chemical substances.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE CONTROLS: Wear personal protective equipment. Use good laboratory practices for handling chemical substances. Use in a laboratory hood or other ventilated device.

EYE PROTECTION: Wear safety goggles to prevent eye contact with this substance.

CLOTHING: Wear appropriate protective clothing (laboratory coat with long sleeves) and equipment to prevent skin contact with this material.

GLOVES: Wear appropriate protective gloves to prevent contact with this material.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

DESCRIPTION: Clear, colorless, odorless solution.

PH: 7.0-8.0

MOLECULAR WEIGHT: Varies

ODOR: None

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable under typical conditions of use and storage

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICITY: Not Available

CARCINOGEN STATUS: Not Available

SECTION 12: ECOLOGICAL INFORMATION

ENVIRONMENTAL IMPACT RATING (0-4): No data available

ACUTE AQUATIC TOXICITY: No data available

DEGRADABILITY: No data available

LOG BIOCONCENTRATION FACTOR (BCF): No data available

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with federal, state and local environmental control regulations.

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Material Safety Data Sheet

MSDS-001015

Revision: 1.2

SECTION 14: TRANSPORT INFORMATION

Ship as non-regulated material, no transportation restrictions apply

SECTION 15: REGULATORY INFORMATION

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SECTION 16: OTHER INFORMATION

POTENTIAL HEALTH EFFECTS:

SKIN CONTACT:	Irritant
EYE CONTACT:	Irritant, eye damage
INGESTION:	May be harmful if swallowed
INHALATION:	May cause irritation of respiratory tract
INJECTION:	No information available

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