



MATERIAL SAFETY DATA SHEET

1. PRODUCT and COMPANY IDENTIFICATION

Product Name: INFINITI™ Wash Buffer

Unit Size: 6 Bottles per Pack; 40ml per Bottle

Each Bottle of Wash Buffer contains

- Sodium Citrate
- Sodium Chloride
- Sodium Azide

Manufacturer/Supplier

AutoGenomics, Inc.

2251 Rutherford Road
Carlsbad, CA 92008

Telephone No: (760) 804-7378

Toll Free: 1-866-782-8639

www.autogenomics.com

This MSDS applies to the following

Product Name	Catalog Number	Packaged
INFINITI® SSC Buffer	12-001	6 Bottles
INFINITI® SSC Buffer 1 QUAD	12-002	6 Bottles
INFINITI® SSC Buffer 2 QUAD	12-003	6 Bottles

2. INFORMATION ON INGREDIENTS

Ingredient	CAS Number	% Wt
Sodium Citrate	6132-04-3	0.441 %
Sodium Chloride	20510-55-8	0.876 %
Sodium Azide	26628-22-8	<0.1%

3. PHYSICAL and CHEMICAL PROPERTIES

Physical State	Clear, colorless liquid
Odor	None
pH	ND
Boiling Point/Range	ND
Melting Point/Range	ND
Flash Point	ND
Flammability	Non-flammable
Vapor Pressure	ND
Water Solubility	soluble
Partition Coefficient	ND
Viscosity	ND
Vapor Density	ND
Evaporation Rate	ND



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4. HANDLING AND STORAGE

Handling:

- Observe good laboratory handling practices. Wash hands thoroughly after removal of protective gloves.
- Avoid contact with eyes and skin. Avoid breathing vapors and do not ingest.
- Use only with adequate ventilation.
- Label container and keep container tightly closed.

Storage:

- Store at room temperature (15 to 30°C) in a cool, dry, well-ventilated area away from incompatible substances.
- Keep container tightly closed.

5. STABILITY and REACTIVITY

Stability:

- Stable in normal conditions

Materials and Conditions to Avoid:

- Metals
- Oxidizing agents
- Strong Bases
- Avoid excessive heat

Hazardous Decomposition Products:

- Hydrogen chloride
- Chlorine
- Nitrogen oxides
- Carbon monoxide
- Carbon dioxide
- Hazardous decomposition or byproducts will not occur in normal conditions

Hazardous Polymerization:

- Will not occur

6. HEALTH HAZARD INFORMATION

Emergency Overview:

- Irritant to eyes, skin and respiratory system
- Should not be taken internally, inhaled or allow contact with skin

Acute Health Effects:

- Skin contact: May cause irritation to skin
 - Symptoms include - itching, scaling, reddening or blistering. May cause skin allergies
- Eyes: May cause irritation, redness, watering and itching
- Inhalation: Irritating to lungs; not to be inhaled
- Ingestion: Hazardous in case of ingestion
- Medical Conditions Aggravated by Overexposure

Chronic Health Effects

- Carcinogenic Effects: None of the ingredients are known to cause cancer in animals or humans
- Repeated or prolonged exposure is not known to aggravate medical conditions



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7. FIRST AID MEASURES

Eyes:

- Immediately flush eyes with plenty of water for at least 15 minutes; seek medical attention; remove any contact lenses

Skin:

- Immediately flush skin with plenty of water for at least 15 minutes; remove any contaminated clothing and shoes and wash before reusing; cover the irritated skin with an emollient
- If irritation develops, get medical attention

Inhalation:

- Move to fresh air. If not breathing, administer artificial respiration; if breathing is difficult, give oxygen; immediately get medical attention

Ingestion:

- Do **NOT** induce vomiting unless directed to do so by medical personnel
- Never give fluids or induce vomiting if a person is unconscious or convulsing
- If large quantities of this material are swallowed, call 911 or a physician immediately
 - Loosen tight clothing such as a collar or tie, belt or waistband

8. FIRE and EXPLOSION INFORMATION

Auto-Ignition Temperature	N/A
Flammability of the Product	Non-Flammable
Flash Points	N/A
Flammable Limits	N/A
Products of Combustion	Metallic Oxides
Explosion Hazards	Risks of explosion in presence of static discharge and /or metals
Risks of explosion in presence of mechanical impact	None
Fire Fighting Media and Instructions	N/A
Protective Clothing for Fire Fighting	N/A

9. ACCIDENTAL RELEASE MEASURES

Cleanup and Disposal:

- Wear appropriate protective equipment
- Absorb with an inert, dry material and place in a waste disposal container in full compliance with national regulations

10. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls:

- Use adequate ventilation

Eyes Protection:

- Wear appropriate safety goggles or glasses with side shields.

Skin Protection:

- Wear gloves and protective clothing to minimize skin contact.



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11. TOXICOLOGY INFORMATION

Category	Determination
LD50	ND
Carcinogenicity and Mutagenicity	ND
Epidemiology, Reproductive Effects, Neurotoxicity	ND
Other Studies	ND

Exposure Controls:

Ingredient	Volume (origin)
Sodium Citrate	N/A
Sodium Chloride- Oral (LD50)	3000 mg/kg (rat)
Sodium Azide - Oral (LD50)	27 mg/kg (rat)
Dermal (LD50)	20 mg/kg (rabbit)

12. ECOLOGICAL INFORMATION

Ecological Information:

- Unavailable for this product

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method:

- Prior to disposal, review federal, state and local government requirements

14. TRANSPORT INFORMATION

TDG Class:

- Not regulated

15. REGULATORY INFORMATION

WHMIS Classification:

- D2B - Material causing other toxic effects

Domestic Substances List:

- All ingredients are listed on the Domestic Substances List

16. OTHER INFORMATION

This material is not intended for food, household, agricultural or cosmetic use. The information in this MSDS is correct to the best of our knowledge. Users should make independent decisions regarding completeness of the information based on all sources available. AutoGenomics shall not be held liable for reliance on the information provided in this MSDS and/or any damage resulting from the handling or contact with the above named products.

Key Legend Information:

N/A – Not Applicable

ND – Not Determined