

1. Product and Company Identification

Product Identifier

Product Name: Wash Solution

Product Code: BK-OSR0001D

Recommended Use: To clean reaction cells and water baths.

Company

Diamond Diagnostics Inc.
333 Fiske Street
Holliston, MA 01746

Company Phone Number 508-429-0450
Email support@diamonddiagnostics.com

Emergency Telephone No: 508-429-0450

2. Hazards Identification

GHS- Classification

Classification Health Hazard, Corrosive, Flammable, Toxic



Hazard Statements

H226	Flammable liquid and vapor.
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H331	Toxic if inhaled.
H351	Suspected of causing cancer.
H360	May damage fertility or the unborn child.
H402	Harmful to aquatic life.

Precautionary Statements

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P233	Keep container tightly closed.
P234	Keep only in original container.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash...thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area
P273	Avoid release to the environment.
P280	Wash...thoroughly after handling.
P281	Use personal protective equipment as required.
P301 + P330 + P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340 + P310	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
P304 + P340 + P311	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician.
P305 + P351 + P338 + P310	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

P308 + P313

IF exposed or concerned: Get medical

advice/attention.

P370 + P378

P363

P390

P403 + P233

P403 + P235

P405

P406

P501

In case of fire: Use ... for extinction.

Wash contaminated clothing before reuse.

Absorb spillage to prevent material damage.

Store in a well-ventilated place. Keep container tightly closed.

Store in a well-ventilated place. Keep cool.

Store locked up.

Store in corrosive resistant/... container with a resistant inner liner.

Dispose of contents/container to an approved waste disposal plant.

3. Composition/Information on ingredients

Chemical Name	EC No.	Reach Reg. No.	CAS-No.	Weight %	Classification
Nitrilotriacetic Acid Trisodium Salt Monohydrate	225-768-6	Not available	18662-53-8	< 2%	Carc. 2; H351
Sodium Hydroxide	215-185-5	01-2119457892-27-XXXX	1310-73-2	< 5%	Met. Corr. 1; Skin Corr. 1A; Eye Dam. 1; Aquatic Acute 3; H290, H314, H318, H402
2-Ethoxyethanol	203-804-1	01-2119560582-38-XXXX	110-80-5	< 2%	Flam. Liq. 3; Acute Tox. 4; Acute Tox. 3; Repr. 1B; H226, H302, H331, H360

4. First Aid Measures

Eye Contact

Flush affected area with copious amounts of water.

Skin Contact

Flush affected area with copious amounts of water.

Inhalation

In case of unconsciousness place patient stably in side position for transportation.

Ingestion

Rinse mouth with water, drink large quantities of water and seek medical aid

Notes to Physician

Treat symptomatically

5. Fire-Fighting Measures

Flammable Properties

No information available

Flash Point

No information available

Suitable Extinguishing Media

Suitable for surrounding fire

Hazardous Combustion Products

No information available

Protective Equipment and Precautions for Firefighters

Self-contained breathing apparatus and protective clothing

Further Information

No information available

6. Accidental Release Measures

Personnel Precautions

Use personnel protective equipment. Avoid contact with skin, eyes and clothing. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas.

Methods for Containment & Cleaning

Soak up with non-combustible absorbent material. Rinse affected area with copious amounts of water. Dispose of in accordance with applicable federal, state, and local laws and regulations.

Environmental Precautions

Do not let product enter drains.

7. Handling and Storage

Handling	Avoid contact with skin and eyes. Avoid formation of dust aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventative fire protection. For precautions see section 2.2.
Storage	Keep container closed in a dry and well-ventilated place.
Specific use	See Section 1 – Recommended Use

8. Exposure Controls / Personnel

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Nitrilotriacetic Acid Trisodium Salt Monohydrate 18662-53-8	Not listed	Not listed	Not listed
Sodium Hydroxide 1310-73-2	C; 2.000000 mg/m3	TWA; 2.000000 mg/m3	C; 2.000000 mg/m3
2-Ethoxyethanol 110-80-5	TWA; 5.000000 ppm	TWA; 200.000000 ppm, 740.000000 mg/m3	TWA 0.500000 ppm, 1.800000 mg/m3

Engineering Measures	Showers Eye Wash Stations Ventilation Systems
Personnel Protective Equipment	
Eye/Face Protection	Safety goggles with side-shields
Skin Protection	Wear protective gloves/clothing
Respiratory Protection	If exposure limits are exceeded or irritation is experienced; NISOH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required high airborne containment concentrations. Respiratory protection must be provided in accordance with current local regulations.
Hygiene Measures	Complete suit protecting against chemicals, Flame resistant antistatic protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Environment Exposure	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

9. Physical and Chemical Properties

Appearance	Liquid
Odor	No information available
Odor Threshold	No information available
pH	No information available
Melting Point	No information available
Freezing Point	No information available
Initial Boiling Point	Approx. 100 °C
Flash Point	No information available
Evaporation Rate	No information available
Flammability (solid, gas)	No information available
Upper/Lower flammability or explosive limits	No information available
Vapor pressure	No information available
Vapor density	No information available
Relative density	No information available
Water Solubility	No information available

(n-octanol/water)	Partition coefficient:	No information available
Auto-ignition temperature	No information available	
Decomposition Temperature °C	No information available	
Viscosity	No information available	
Explosive properties	No information available	
Oxidizing properties	No information available	

10. Stability and Reactivity

Reactivity	No information available
Chemical Stability	Stable
Incompatible Materials	Acids
Hazardous Decomposition Products	No dangerous decomposition products known
Hazardous Polymerization:	No information available
Conditions to avoid:	Avoid exposure to heat and light.
Suggested Storage:	Store as recommended on product label

11. Toxicological Information

Acute Toxicity	No information available
Chronic Toxicity	Irritation of affected area.
Target Organ Effects	No information available
Carcinogenicity	<p>IARC: 2B – Group 2B: Possibly carcinogenic to humans (Nitrilotriacetic Acid Trisodium Salt Monohydrate)</p> <p>ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by ACGIH.</p> <p>NTP: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by NTP.</p> <p>OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by NTP.</p>

12. Ecological Information

Ecotoxicity	No information available
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13. Disposal Considerations

Waste Disposal Method	In accordance with applicable federal, state, and local laws and regulations.
Contaminated Packaging	In accordance with applicable federal, state, and local laws and regulations.

14. Transport Information

IATA	Not regulated
DOR	Not regulated

15. Regulatory Information

SARA 302 Components	No chemicals in this material are subject to reporting requirements of SARA Title III, Section 302.	
SARA 313 Components	The following components are subject to reporting levels established by SARA Title III, Section 313.	
2-Ethoxyethanol	CAS-No. 110-80-5	Revision Date: 1993-04-24
SARA 311/312 Hazards	Chronic Health Hazard, Fire Hazard, Acute Health Hazard	
Massachusetts right to know components		
Nitrilotriacetic Acid Trisodium Salt Monohydrate	CAS-No. 18662-53-8	Revision Date: 1993-04-24
Sodium Hydroxide	1310-73-2	2007-03-01
2-Ethoxyethanol	110-80-5	1993-04-24
Pennsylvania right to know components		
Nitrilotriacetic Acid Trisodium Salt Monohydrate	CAS-No. 18662-53-8	Revision Date: 1993-04-24
Sodium Hydroxide	1310-73-2	2007-03-01
2-Ethoxyethanol	110-80-5	1993-04-24
New Jersey right to know components		
Nitrilotriacetic Acid Trisodium Salt Monohydrate	CAS-No. 18662-53-8	Revision Date: 1993-04-24
Sodium Hydroxide	1310-73-2	2007-03-01
2-Ethoxyethanol	110-80-5	1993-04-24
California Prop. 65 Components	This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.	

16. Other Information

Issuing Date	30-June-2011
Revision Date	30-November-2015
Revision Note	No information available
Recommended Restrictions	No Restrictions

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in text.