

1. Product and Company Identification

Product Identifier

Product Name: Wash Solution
Product Code: OY-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
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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.	
	CAS-No.	Revision Date:
2-Ethoxyethanol	110-80-5	1993-04-24
SARA 311/312 Hazards	Chronic Health Hazard, Fire Hazard, Acute Health Hazard	
Massachusetts right to know components		
	CAS-No.	Revision Date:
Nitrilotriacetic Acid Trisodium Salt Monohydrate	18662-53-8	1993-04-24
Sodium Hydroxide	1310-73-2	2007-03-01
2-Ethoxyethanol	110-80-5	1993-04-24
Pennsylvania right to know components		
	CAS-No.	Revision Date:
Nitrilotriacetic Acid Trisodium Salt Monohydrate	18662-53-8	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		
	CAS-No.	Revision Date:
Nitrilotriacetic Acid Trisodium Salt Monohydrate	18662-53-8	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.