

1. Product and Company Identification

Product Identifier

Product Name: Reference Emulsion Wash Solution

Product Code: IL-20002400D

Recommended Use: Wash-Reference Emulsion

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 Corrosive, Environmentally Damaging



Hazard Statements

H300 + H310 Fatal if swallowed or in contact with skin.
H373 May cause damage to organs through prolonged or repeated exposure.
H410 Very toxic to aquatic life with long-lasting effects.

Precautionary Statements

P260 Do not breathe dust/fumes/gas/mist/vapors/spray.
P262 Do not get in eyes, on skin or on clothing.
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301 + P310 + P330 IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician. Rinse mouth.
P302 + P350 + P310 IF ON SKIN: Gently wash with plenty of soap and water. Immediately call a POISON CENTER/doctor/physician.
P314 Get Medical advice/attention if you feel unwell.
P362 Take off contaminated clothing.
P391 Collect spillage.
P405 Store locked up.
P501 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 |
|---------------|-----------|----------------|------------|----------|---|
| Sodium Azide | 247-852-1 | 011-004-00-7 | 26628-22-8 | < 0.05% | Acute Tox. 2; Acute Tox 1; STOT RE 2; Aquatic Acute 1; Aquatic Chronic 1; H300 + H310, H373, H410 |

4. First Aid Measures

Eye Contact Rinse thoroughly with plenty of water for at least 15 minutes and consult physician. Continue rinsing eyes during transport to hospital.

Skin Contact Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Consult a physician.

Inhalation Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult a physician.

Ingestion Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Clean mouth with water and afterwards drink plenty of water. Consult a physician.

Notes to Physician Treat symptomatically

5. Fire-Fighting Measures

Flammable Properties No information available

Flash Point Approx. 100 °C

Suitable Extinguishing Media Suitable for surrounding fire

Hazardous Combustion Products Sodium Azide may react with lead or copper plumbing to form highly explosive metal azides

Protective Equipment and Precautions for Firefighters Wear self-contained breathing apparatus for firefighting if necessary.

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 Absorb spill with inert material or flush into drain with copious amounts of water. Wash site of spill with soapy water. Wash contaminated clothing before use. 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 inhalation of vapor or mist. Keep away from sources of ignition – No Smoking. Take measures to prevent buildup of electrostatic charge.

Storage Keep container closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Specific use See Section 1 – Recommended Use

8. Exposure Controls / Personnel

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|----------------------------|---|------------|----------------------------------|
| Sodium Azide 26628-22-8 | C 0.110000 ppm C 0.29000 mg/m ³ | Not listed | C 0.100000 ppm C 0.300000 ppm |

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 | Clear Liquid |
| Odor | No information available |
| Odor Threshold | No information available |
| pH | No information available |
| Melting Point | No information available |
| Freezing Point | 0°C |
| Initial Boiling Point | Approx. 100 °C |
| Flash Point | Approx. 100 °C |
| 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 | 100% |
| Partition coefficient: (n-octanol/water) | 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 | Strong acids, Strong bases, Strong Oxidizing acids |
| Hazardous Decomposition Products | None |
| Hazardous Polymerization: | Will not occur |
| Conditions to avoid: | Acidification produces hydrazoic acid, which is highly explosive |
| Suggested Storage: | Store as recommended on product label |

11. Toxicological Information

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|-----------------------------|--|
| Acute Toxicity | No information available |
| Chronic Toxicity | Irritation of affected area |
| Target Organ Effects | No information available |
| Carcinogenicity | IARC: 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 IARC. 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. |

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.

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.

12. Ecological Information

Ecotoxicity Toxic to fish, daphnia and other aquatic invertebrates.

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: |
| Sodium Azide | 26628-22-8 | 2007-07-01 |

SARA 311/312 Hazards Acute Health Hazard

Massachusetts right to know components

| | | |
|--------------|------------|----------------|
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Pennsylvania right to know components

| | | |
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| | CAS-No. | Revision Date: |
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New Jersey right to know components

| | | |
|--------------|------------|----------------|
| | CAS-No. | Revision Date: |
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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 13-March-2007

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.