

Safety Data Sheet

Control Number: 907-046

Dewax Solution 1a, Dewax Solution 1b, ORI6001, ORI6002

January 22, 2018

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1. Product and Company Identification

Product(s)	Dewax Solution 1a (ORI6001) Dewax Solution 1b (ORI6002)
Related Product Kit	Dewax Solution Kit (ORI6004K)
Intended Use & Restrictions	Immunohistochemistry reagent intended for use by professional laboratory personnel that have been properly trained in its use.
Company Information	Biocare Medical, LLC 60 Berry Drive Pacheco, CA 94553 United States Tel: +1 800-799-9499 (7AM–5PM, PST, Mon-Fri) Fax: +1 925-603-8080 Web: www.biocare.net
24-Hour Emergency Contact	CHEMTREC +1 800-424-9300 (USA and Canada only) +1 703-527-3887 (all other countries)

2. Hazards Identification

Emergency Overview Clear, colorless liquid. Not flammable.

Avoid contact with skin and eyes. May be harmful in contact with skin; may cause serious eye irritation.

OSHA Hazards Serious eye irritation, skin irritation.

**GHS Classification
Signal words, Symbol,
Hazard &
Precautionary
Statements**



Warning

Hazard Statements

H303 May be harmful if swallowed.
H313 May be harmful in contact with skin.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

Precautionary Statements

P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
P305+ P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Potential Health Effects

Skin Contact May be harmful if exposed to skin. May cause skin irritation, itching, redness or inflammation.

Eye Contact May be harmful if exposed to eyes. May cause serious eye irritation, watering eyes, stinging or burning sensation.

Inhalation May be harmful if inhaled. May cause respiratory tract irritation, headache, dizziness, nausea or coughing.

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Ingestion May be harmful if swallowed. May cause irritation of gastrointestinal tract, nausea, or vomiting.

See Section 11: Toxicological Information for additional information.

Environmental Effects None identified.

See Section 12: Ecological Information for additional information.

3. Composition / Information on Ingredients

Chemical Name	Synonyms	% Composition	CAS Number
Ethylene glycol monomethyl ether	2-methoxyethanol	<10%	109-86-4
Citric acid	N/A	<1%	77-92-9
Triton X-100	N/A	<1%	9002-93-1

Note: It has been determined that the remaining ingredients of this product are not classified as hazardous according to the Federal OSHA Hazardous Communication Standard (29 CFR 1910.1200) or the Globally Harmonized System of Classification and Labeling of Chemicals.

4. First Aid Measures

General Advice Avoid further exposure to product. Consult a physician.

In case of skin contact Wash exposed area with soap and plenty of water. Remove any contaminated clothing. Seek medical attention.

In case of eye contact Wash eyes with plenty of water for at least 15 minutes. Have victim remove contact lenses. Be sure to wash under eyelids. Seek medical attention.

If inhaled Remove victim to well-ventilated area. If victim is not breathing, give artificial respiration. Seek medical attention.

If swallowed If victim is conscious, rinse mouth with water. Do not give anything to an unconscious victim. Seek medical attention.

5. Fire Fighting Measures

Suitable Extinguishing Media Water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

Use extinguisher media appropriate for surrounding fire.

Special Protective Equipment for Firefighters Wear self-contained breathing apparatus and protective clothing to prevent contact with eyes and skin.

Special Exposure Hazards None identified.

6. Accidental Release Measures

Personal Precautions Use of personal protective equipment is recommended as described in Section 8. Isolate hazard area and deny entry to unprotected personnel.

Environmental Precautions Prevent further leakage or spillage if safe to do so. Keep out of drains, sewers, ditches and waterways.

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Methods for containment and clean up Small spills may be contained and cleaned-up with paper towels or absorbent pads. Absorb large spills with sand or vermiculite and place in a closed container for waste disposal. Avoid physical contact during removal.

7. Handling and Storage

Precautions for Safe Handling Avoid contact with eyes, skin and clothing. Do not ingest. Wash hands thoroughly after use.

Conditions for Safe Storage Store at temperature specified on the label. Keep in original container.

8. Exposure Controls / Personal Protection

Permissible Exposure Limits USA NIOSH Recommended Exposure Limits (ethylene glycol monomethyl ether): TWA 0.1 ppm, 0.3 mg/m³.
USA ACGIH Threshold Limit Value (ethylene glycol monomethyl ether): TWA 0.1 ppm.
USA Occupational Exposure Limits (OSHA) Table Z-1 Limits for Air Contaminants (ethylene glycol monomethyl ether): TWA 25 ppm, 80 mg/m³.

Engineering Controls No special controls needed.

Personal Protective Equipment

Eye Protection Wear chemical splash goggles and face shield when eye and face contact is possible due to splashing or spraying of material.

Skin Protection Use chemically resistant gloves and a lab coat with sleeves.

Respiratory Protection Exceeding exposure limits is unlikely during normal usage. However, if irritating vapors are produced, respiratory protection is recommended. Attempt to reduce exposure levels to an acceptable range.

General Hygiene Measures Avoid contact with eyes, skin and clothing. Wash hands thoroughly after handling and before eating or drinking.

9. Physical and Chemical Properties

Appearance Clear, colorless solution

Odor None

pH (as supplied) Not determined

Melting point Not determined

Boiling point Not determined

Flash point Not determined

Flammability Not determined

Lower explosion limit Not determined

Upper explosion limit Not determined

Vapor pressure Not determined

Vapor density Not determined

Specific gravity Not determined

Solubility (in water) Soluble

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**Partition coefficient
(n-octanol/water)** Not determined

**Decomposition
Temperature** Not determined

10. Stability and Reactivity

Chemical Stability Stable under recommended storage conditions (see Section 7).

Conditions to avoid Avoid exposure to high temperatures or direct sunlight.

Materials to avoid Avoid strong alkalis.

**Hazardous decomposition
products** None under normal conditions.

**Possibility of hazardous
reactions** None identified.

11. Toxicological Information

Acute dose effects Not determined

Repeat dose effects Not determined

Skin irritation Not determined

**Skin and respiratory
sensitization** Did not cause sensitization on laboratory animals

Eye irritation Not determined

Carcinogenicity No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible, potential, known, anticipated, or confirmed carcinogen by IARC, ACGIH, NTP, or OSHA.

Mutagenicity Not mutagenic in Ames Test

Reproductive effects Not determined

Developmental effects Not determined

Target organ effects Not determined

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated at product concentrations.

12. Ecological Information

Ecotoxicity Not determined

**Persistence and
degradability** This product is expected to be readily biodegradable.

**Bioaccumulation/
accumulation** This product does not contain any substances expected to be bioaccumulating.

**Mobility in environmental
media** This product is miscible in water.

Other hazardous effects No data available.

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13. Disposal Considerations

Product Disposal should be in accordance with applicable national, state, and local laws and regulations. Local regulations may be more stringent than national or state requirements. Verify local and state regulations before discharging into public sewers or landfills. Do not dump into any body of water. Contact a licensed professional waste disposal service for appropriate methods of disposal.

Contaminated packaging Dispose of as unused product.

14. Transportation Information

Proper shipping name Not applicable

Technical name Not applicable

Hazard class Not applicable

Identification number Not applicable

Packing group Not applicable

DOT (US) Not regulated

IMDG Not regulated

IATA Not regulated

TDG Not regulated

15. Regulatory Information

Inventory Status

United States (TSCA) All ingredients are on the inventory or exempt from listing.

Canada (DSL / NDSL) All ingredients are on the inventory or exempt from listing.

SARA 302 Components No chemicals in this product are subject to reporting requirements.

SARA 313 Components Ethylene glycol monomethyl ether, 109-86-4, <10%

SARA 311/312 Hazards No SARA hazards.

California Prop. 65 components Warning! This product contains a chemical known to the State of California to cause birth defects or other reproductive harm (ethylene glycol monomethyl ether).

16. Other Information

Sources and Suitability The above information was obtained from sources available at the time of revision and believed to be accurate and reliable. The information included is not intended to be all inclusive and should only be used as a guide. Biocare shall not be held liable for any damage resulting from use, handling, or contact with the above product.

Revision Date January 22, 2018
(All SDS's before this date should be discarded)

Replaces Revision June 16, 2015. This SDS has been updated to reflect current hazard information and product formulations.

Note: Before using this product, please visit the Biocare Medical website at <http://biocare.net> for the current version of this SDS.