

Safety Data Sheet

Control Number: 907-007

DAB Away Reagent 1, Clean 1 (DA001, ORI6032)

August 17, 2017

BIOCARE
M E D I C A L

1. Product and Company Identification

Product(s)	DAB Away Reagent 1 (DA001) Clean 1 (ORI6032)
Related Product Kit	DAB Away (DA000) Chamber Cleaning Kit (ORI6031K)
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 Acidic solution that is corrosive.
Do not expose to skin or eyes. Do not breathe vapors.

OSHA Hazards Target Organ Effect, Corrosive

GHS Classification
Signal words, Symbol,
Hazard &
Precautionary
Statements



Danger

Skin corrosion (Category 1A)
Serious eye damage (Category 1)

Hazard Statements

H314 Causes severe skin burns and eye damage.

Precautionary Statements

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or doctor/ physician.

Potential Health Effects

Skin Contact May be harmful if absorbed through skin. Causes skin burns.

Eye Contact Causes eye burns. Causes severe eye burns.

Inhalation May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.

Ingestion May be harmful if swallowed.

See Section 11: Toxicological Information for additional information.

Safety Data Sheet

Control Number: 907-007

DAB Away Reagent 1, Clean 1 (DA001, ORI6032)

August 17, 2017

BIOCARE
M E D I C A L

Environmental Effects None identified.
See Section 12: Ecological Information for additional information.

3. Composition / Information on Ingredients

Chemical Name	Synonyms	% Composition	CAS Number
Sulfuric acid	N/A	<10%	7664-93-9

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** Avoid inhalation of fumes, which may be toxic or irritating.

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.
- 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.

Safety Data Sheet

Control Number: 907-007

DAB Away Reagent 1, Clean 1 (DA001, ORI6032)

August 17, 2017

BIOCARE
M E D I C A L

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 Keep container tightly closed. Keep container in a cool, well-ventilated area.

8. Exposure Controls / Personal Protection

Permissible Exposure Limits USA ACGIH Threshold Limit Value (Sulfuric acid): TWA 0.2 mg/m³
USA OSHA – Table Z-1 Limits for Air Contaminants – 1910.1000 (Sulfuric acid):
TWA 1 mg/m³

Engineering Controls None identified.

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 No data available

pH (as supplied) No data available

Melting point No data available

Boiling point No data available

Flash point No data available

Flammability No data available

Lower explosion limit No data available

Upper explosion limit No data available

Vapor pressure No data available

Vapor density No data available

Specific gravity No data available

Solubility (in water) Soluble

Partition coefficient (n-octanol/water) No data available

Auto-ignition temperature No data available

Decomposition Temperature No data available

Safety Data Sheet

Control Number: 907-007

DAB Away Reagent 1, Clean 1 (DA001, ORI6032)

August 17, 2017

BIOCARE
M E D I C A L

10. Stability and Reactivity

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

Conditions to avoid Keep away from incompatible materials.

Materials to avoid Strong oxidizing agents, bases.

Hazardous decomposition products Hazardous decomposition products formed under fire conditions: sulfur oxides.

Possibility of hazardous reactions None identified.

11. Toxicological Information

Acute dose effects No data available

Repeat dose effects No data available

Skin irritation No data available

Skin and respiratory sensitization No data available

Eye irritation No data available

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 ACGIH or OSHA. Sulfuric acid known to be a human carcinogen (NTP) and is carcinogenic to humans (Group 1, IARC).

Mutagenicity No data available

Reproductive effects No data available

Developmental effects No data available

Target organ effects No data available

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

12. Ecological Information

Ecotoxicity No data available

Persistence and degradability No data available

Bioaccumulation/accumulation No data available

Mobility in environmental media No data available

Other hazardous effects No data available

Safety Data Sheet

Control Number: 907-007

DAB Away Reagent 1, Clean 1 (DA001, ORI6032)

August 17, 2017

BIOCARE
M E D I C A L

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 Sulfuric acid (CAS 7664-93-9)

SARA 313 Components Sulfuric acid (CAS 7664-93-9)

SARA 311/312 Hazards Acute health hazard, chronic health hazard.

California Prop. 65 components This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

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 August 17, 2017
(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.