

Safety Data Sheet

Version 5.0
Revision Date 11/07/2019



1. Product and Company Identification

Product Name	ELISA Wash Solution
Catalog Number	E106
Supplier	Bethyl Laboratories, Inc. 25043 West FM 1097 Montgomery, TX 77356
Telephone	800-338-9579
Fax	866-597-6105
Product Use	For Research Use Only, Not for Diagnostic Use.

2. Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Not a hazardous substance or mixture.

GHS Label elements including precautionary statements

Not a hazardous substance or mixture.

3. Composition/Information on Ingredients

No components need to be disclosed according to the applicable regulations.

4. First Aid Measures

If swallowed	Rinse mouth with water provided person is conscious.
Skin contact	Wash skin with soap and plenty of water.
Eye exposure	Flush eyes with water as a precaution.
If inhaled	Move person to fresh air. If not breathing, give artificial respiration. Consult a physician.

5. Fire-Fighting Measures

Extinguishing Media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture

Carbon oxides, nitrogen oxides (NOx), Hydrogen chloride gas, Potassium oxides, Sodium oxides

Special protective equipment for firefighters

Wear self-contained breathing apparatus if necessary.

6. Accidental Release Measures

Personal precautions

Avoid dust formation. Avoid breathing vapours, mist or gas.

Environmental precautions

No special environmental precautions required.

Methods and materials for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. Handling and Storage

Precautions for safe handling

Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs. Provide appropriate exhaust ventilation at places where dust is formed.

Conditions of safe storage

Keep container tightly closed in a dry and well-ventilated place.

After reconstitution, recommended storage temperature is 2 - 8°C.

8. Exposure Controls/Personal Protection

Contains no substance with occupational exposure limit values

Appropriate engineering controls

General industrial hygiene practice.

Personal protective equipment

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Respiratory protection

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Full contact Material: Nitrile rubber Minimum layer thickness: 0.11 mm Break through time: 480 min Material tested: Dermatril® (KCL 740 / Aldrich Z677272, Size M) Splash contact Material: Nitrile rubber Minimum layer thickness: 0.11 mm Break through time: 480 min Material tested: Dermatril® (KCL 740 / Aldrich Z677272, Size M)

data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374 If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

No special environmental precautions required.

9. Physical and Chemical Properties**Appearance**

Form powder

Safety Data

pH	no data available
Melting point/ Freezing point	no data available
Boiling point	no data available
Flash point	no data available
Ignition point	no data available
Auto-ignition Temperature	no data available
Lower explosion limit	no data available
Upper explosion limit	no data available
Vapor pressure	no data available
Density	no data available
Water Solubility	no data available
Partition coefficient n-octanoic/water	no data available
Relative vapor density	no data available
Evaporation rate	no data available

10. Stability and Reactivity**Reactivity**

No data available

Chemical stability

Product is stable under normal conditions of storage and use.

Possibility of hazardous reactions

No data available

Conditions to avoid

No data available

Incompatible materials

Bases, Oxidizing agents, Strong oxidizing agents, Strong acids

Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides, Nitrogen oxides (NOx), Hydrogen chloride gas, Potassium oxides, Sodium oxides Other decomposition products - No data available

11. Toxicological Information**Acute toxicity**

No data available

Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitization	No data available
Germ Cell Mutagenicity	No data available
Carcinogenicity	Not listed by IARC, ACGIH, NTP, OSHA
Reproductive toxicity	No data available
Specific target organ toxicity single exposure	No data available
Specific target organ toxicity repeated exposure	No data available
Aspiration hazard	No data available

12. Ecological Information

Toxicity	No data available
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
PBT and vPvB assessment	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
Other adverse effects	No data available

13. Disposal Considerations

Offer surplus and non-recyclable solutions to a licensed disposal company.

14. Transportation Information

No special transport regulations	
DOT (US)	Not dangerous goods
IMDG	Not dangerous goods
IATA	Not dangerous goods

15. Regulatory Information

SARA 302 Components

This material does not contain any components with a section 302 EHS TPQ.

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

No SARA Hazards

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

Sodium chloride	CAS-No. 7647-14-5
Tris (hydroxymethyl) aminomethane	CAS-No. 77-86-1
Tween 20	CAS-No. 9005-64-5
2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	CAS-No. 1185-53-1

New Jersey Right To Know Components

Sodium chloride	CAS-No. 7647-14-5
Tris (hydroxymethyl) aminomethane	CAS-No. 77-86-1
Tween 20	CAS-No. 9005-64-5
2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	CAS-No. 1185-53-1
Potassium chloride	CAS-No. 7447-40-7

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

For research use only.

Read instructions for use before using the product. Observe the general safety regulations when handling chemicals.

The above information is believed to be correct but does not purport to be all-inclusive and is intended to be used only as a guide. Bethyl Laboratories, Inc. shall not be liable or responsible in any way for use of either this information or the material supplied. Disposal of hazardous material may be subject to federal, state, or local laws or regulations.

Prepared by: Safety Department
 Bethyl Laboratories, Inc.
 1 -800-338-9579