

Responsible Name Pierce Administration

Section 1. Chemical Product and Company Identification

Common Name **Reacti-Bind™ Streptavidin Coated Black 384-Well Plates With SuperBlock® Blocking Buffer**

Code 0015407

Supplier Pierce Chemical Company
P.O. Box 117
Rockford, IL 61105
USA
815.968.0747

In Case of Emergency CALL CHEMTREC:
800.424.9300
OUTSIDE US:
202.483.7616

Print Date 12/5/2001

Validation Date **12/5/2001**

MSDS# 3402

Manufacturer Pierce Chemical Company
P.O. Box 117
Rockford, IL 61105
USA
815.968.0747

Section 2. Composition and Information on Hazardous (OSHA) Ingredients

Name	CAS #	% by Weight	Exposure Limits
------	-------	-------------	-----------------

No hazardous ingredient according to 29 CFR 1910.1200 Hazard Communication Standard

Section 3. Hazards Identification

Review the most current and approved institutional guideline, protocol, standard operating procedure(s) and MSDS(s) for the proper handling of institutional materials/equipment associated with the use of this Pierce product.

Emergency Overview **WARNING!**

CONTAINS MATERIAL WHICH CAUSES DAMAGE TO THE FOLLOWING ORGANS:
MUCOUS MEMBRANES, RESPIRATORY TRACT, SKIN, EYES.

Routes of Entry Absorbed through skin. Eye contact. Inhalation. Ingestion.

Potential Acute Health Effects Non-corrosive for skin. Non-irritant for skin. Non-irritating to the eyes. Non-hazardous in case of ingestion. Non-hazardous in case of inhalation. Non-irritant for lungs. Non-corrosive to the eyes. Non-corrosive for lungs.

Carcinogenic Effects Data **CARCINOGENIC EFFECTS:** Not available.
MUTAGENIC EFFECTS: Not available.
TERATOGENIC EFFECTS: Not available.

Medical Conditions Aggravated by Overexposure: Repeated or prolonged exposure is not known to aggravate medical condition.

EU Regulations

This product is not classified according to the EU regulations.

See Toxicological Information (section 11)

Section 4. First Aid Measures

SKIN: Wash contaminated skin with soap and water.

EYES: Flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Seek medical attention.

Inhalation: Move exposed person to fresh air. If irritation persists, get medical attention.

Ingestion: Do not induce vomiting. If affected person is conscious, give plenty of water to drink. Seek medical attention.

Section 5. Fire Fighting Measures

Flammability of the Product May be combustible at high temperature.

Flash Points Not available.

Fire Hazards in Presence of Various Substances Not considered to be flammable.

Fire Fighting Media SMALL FIRE: Use DRY chemical powder.

and Instructions LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Protective Clothing (Fire) Be sure to use an approved/certified respirator or equivalent.

Section 6. Accidental Release Measures

Small Spill and Leak Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill and Leak Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Section 7. Handling and Storage

Handling Avoid breathing vapors or spray mists.

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

Section 8. Exposure Controls/Personal Protection

Engineering Controls Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

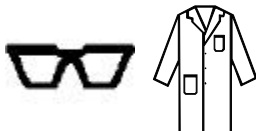
Personal Protection

Eyes Safety glasses.

Body Lab coat.

Respiratory Not applicable.

Protective Clothing
(Pictograms)



Consult local authorities for acceptable exposure limits.

Section 9. Physical and Chemical Properties

Physical State and Appearance Liquid. (Coating.)

Odor Not available.

Molecular Weight Not applicable.

Taste Not available.

Color Not available.

pH (1% Soln/Water) Neutral.

Boiling/Condensation Point The lowest known value is 100°C (212°F) (Milli-Q Water).

Specific Gravity The only known value is 1 (Water = 1) (Milli-Q Water).

Vapor Pressure The highest known value is 2.3 kPa (@ 20°C) (Milli-Q Water).

Vapor Density The highest known value is 0.62 (Air = 1) (Milli-Q Water).

Volatility <7% (w/w). (SuperBlock (PBS) Blocking Buffer Component 5.)

VOC 7 (%)

LogK_{ow} The product is more soluble in water.

Dispersion Properties See solubility in water, methanol.

Solubility Easily soluble in methanol.
Partially soluble in cold water, hot water.
Insoluble in diethyl ether, n-octanol.

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.

Incompatibility with Various Substances Slightly reactive to reactive with acids.

Hazardous Polymerization Will not occur.

Hazardous Decomposition Products Not available.

Section 11. Toxicological Information

Chronic Effects on Humans Causes damage to the following organs: mucous membranes, upper respiratory tract, skin, eyes.

Other Toxic Effects on Humans Non-irritating to the eyes. Non-hazardous in case of ingestion. Non-hazardous in case of inhalation.
Non-irritant for lungs. Non-sensitizer for lungs. Non-corrosive for lungs.

Section 12. Ecological Information

Toxicity of the Products of Biodegradation The product itself and its products of degradation are not toxic.

Section 13. Disposal Considerations

Waste Information Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Waste Stream Not available.

Consult your local or regional authorities.

Section 14. Transport Information

Contact Pierce for all transport information.

Section 15. Regulatory Information

HCS Classification Not controlled under the HCS (United States).

U.S. Federal Regulations TSCA 8(b) inventory: SuperBlock (PBS) Blocking Buffer Component 2; Ingredient 1; Ingredient 2; Ingredient 3; Ingredient 4; Water; SuperBlock (PBS) Blocking Buffer Component 5; Buffer Pack Ingredient 1; Buffer Pack Ingredient 2

TSCA 8(d) H and S data reporting: Buffer Pack Ingredient 1

SARA 302/304/311/312 extremely hazardous substances: No products were found.

SARA 302/304 emergency planning and notification: No products were found.

SARA 302/304/311/312 hazardous chemicals: Ingredient 4; Buffer Pack Ingredient 2

SARA 311/312 MSDS distribution - chemical inventory - hazard identification: SuperBlock (PBS) Blocking Buffer Component 2: immediate health hazard; Ingredient 4: fire; Buffer Pack Ingredient 2: immediate health hazard, delayed health hazard

Clean water act (CWA) 307: No products were found.

Clean water act (CWA) 311: No products were found.

Clean air act (CAA) 112 accidental release prevention: No products were found.

Clean air act (CAA) 112 regulated flammable substances: No products were found.

Clean air act (CAA) 112 regulated toxic substances: No products were found.

WHMIS (Canada) Not controlled under WHMIS (Canada).

CEPA DSL: SuperBlock (PBS) Blocking Buffer Component 2; Ingredient 1; Ingredient 2; Ingredient 3; Ingredient 4; Water; SuperBlock (PBS) Blocking Buffer Component 5; Milli-Q Water; Buffer Pack Ingredient 1; Buffer Pack Ingredient 2

International Regulations

EINECS Not available.

DSCL (EEC) This product is not classified according to the EU regulations.

International Lists No products were found.

State Regulations

Continued on Next Page

**Reacti-Bind™ Streptavidin Coated Black
384-Well Plates With SuperBlock® Blocking
Buffer**

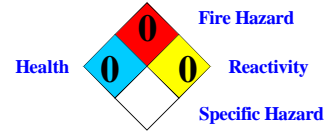
Pennsylvania RTK: SuperBlock (PBS) Blocking Buffer Component 2; Ingredient 4: (generic environmental hazard)
 Massachusetts RTK: SuperBlock (PBS) Blocking Buffer Component 2; Ingredient 4
 New Jersey: SuperBlock (PBS) Blocking Buffer Component 2; Ingredient 4
 California prop. 65: No products were found.

Section 16. Other Information

Hazardous Material
Information System (U.S.A.)

Health	*	0
Fire Hazard		0
Reactivity		0
Personal Protection		a

National Fire Protection
Association (U.S.A.)



Validated by Pierce Administration on 12/5/2001.

Verified by Pierce Administration.

Printed 12/5/2001.

Notice to Reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.