

# Product Details

**MS Buffer - 5ml**

**Code: IB48501**

IBI MS Buffer is a special formulation used for the precipitation of proteins after electro-elution has been performed using IBI FlexTubes. IBI MS Buffer is easy to use, economical, and very efficient. Use in conjunction with TCA Buffer in accordance with the IBI FlexTube Protocols to precipitate proteins from critical procedures such as MALDI-MS and ESI.

## MATERIAL SAFETY DATA SHEET



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DATE PREPARED: 3-22-11

DATE REVISED:

**SECTION 1. ----- CHEMICAL IDENTIFICATION-----**

CATALOG#: IB48500 & IB48501  
NAME: MS BUFFER (PROTEIN PRECIPITATION BUFFER)  
CAS#: N/A BLEND

**SECTION 2. ----- HAZARDS IDENTIFICATION-----**

LABEL PRECAUTIONARY STATEMENTS  
IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF  
WATER AND SEEK MEDICAL ADVICE.  
TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING.

HMIS:      NFPA:  
H: 1      H: N/A  
F: 0      F: N/A  
R: 0      R: N/A  
PE: E      SH: N/A

**SECTION 3. ----- COMPOSITION/INFORMATION ON INGREDIENTS-----**

CHEMICAL NAME	%
COMPONENT 1	0.1-5.0%
COMPONENT 2	95%-99.9%

SEE ACTUAL ENTRY IN RTECS FOR COMPLETE INFORMATION.

**SECTION 4. ----- FIRST-AID MEASURES-----**

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH COPIOUS AMOUNTS OF  
WATER FOR AT LEAST 15 MINUTES.  
IN CASE OF CONTACT, IMMEDIATELY WASH SKIN WITH SOAP AND COPIOUS  
AMOUNTS OF WATER.  
IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL  
RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.  
IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS.  
CALL A PHYSICIAN.  
WASH CONTAMINATED CLOTHING BEFORE REUSE.

**SECTION 5. ----- FIRE FIGHTING MEASURES-----**

EXTINGUISHING MEDIA  
WATER SPRAY.  
CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.  
SPECIAL FIREFIGHTING PROCEDURES  
WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO  
PREVENT CONTACT WITH SKIN AND EYES.

UNUSUAL FIRE AND EXPLOSIONS HAZARDS  
EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

**SECTION 6. - - - - - ACCIDENTAL RELEASE MEASURES - - - - -**

WEAR RESPIRATOR, CHEMICAL SAFETY GOGGLES, BOOTS AND HEAVY GLOVES.  
ABSORB WITH AN INERT MATERIAL AND PLACE IN CLOSED CONTAINERS FOR DISPOSAL.  
VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

**SECTION 7. - - - - - HANDLING AND STORAGE - - - - -**

DO NOT BREATHE VAPOR.  
AVOID CONTACT WITH EYES, SKIN AND CLOTHING.  
WASH THOROUGHLY AFTER HANDLING.  
KEEP TIGHTLY CLOSED.  
STORE IN A COOL DRY PLACE.

**SECTION 8. - - - - - EXPOSURE CONTROLS/PERSONAL PROTECTION - - - - -**

CHEMICAL SAFETY GOGGLES.  
COMPATIBLE CHEMICAL-RESISTANT GLOVES.  
NIOSH/MSHA-APPROVED RESPIRATOR.  
SAFETY SHOWER AND EYE BATH.  
MECHANICAL EXHAUST RECOMMENDED.

**SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -**

APPEARANCE  
LIQUID.

**SECTION 10. - - - - - STABILITY AND REACTIVITY - - - - -**

INCOMPATIBILITIES  
STRONG OXIDIZING AGENTS  
HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS  
TOXIC FUMES OF:  
CARBON MONOXIDE, CARBON DIOXIDE  
NITROGEN OXIDES  
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

**SECTION 11. - - - - - TOXICOLOGICAL INFORMATION - - - - -**

ACUTE EFFECTS  
MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION.  
CAUSES SKIN IRRITATION.  
TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND  
TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

**SECTION 12. - - - - - ECOLOGICAL INFORMATION - - - - -**

DATA NOT YET AVAILABLE.

**SECTION 13. - - - - - DISPOSAL CONSIDERATIONS - - - - -**

OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

**SECTION 14. - - - - - TRANSPORT INFORMATION - - - - -**

NOT REGULATED.

<b>SECTION 15. .... REGULATORY INFORMATION - ....</b>
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EUROPEAN INFORMATION

HARMFUL

R: 22/37

HARMFUL IF SWALLOWED. IRRITATING TO RESPIRATORY SYSTEM.

S: 22/37

WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION.

<b>SECTION 16. .... OTHER INFORMATION- ....</b>
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THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPORT TO BE ALL INCLUSIVE AND SHALL BE USED ONLY AS A GUIDE. IBI SCIENTIFIC SHALL NOT BE HELD LIABLE FOR ANY DAMAGE RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT. SEE REVERSE SIDE OF INVOICE OR PACKING SLIP FOR ADDITIONAL TERMS AND CONDITIONS OF SALE.