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DuPont
Material Safety Data Sheet

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E1001360 Buffered Peptone Water
Revised 6-JUN-2006

CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Tradenames and Synonyms

StatMedia(TM) Soluble Packets - Media for Buffered Peptone Water

Company Identification

MANUFACTURER/DISTRIBUTOR

DuPont Qualicon
Experimental Station
Building 400
Rt. 141 & Henry Clay Road
Wilmington, DE 19880

PHONE NUMBERS

Product Information : 302-695-5300
Transport Emergency : CHEMTREC 800-424-9300
Medical Emergency : 800-441-3637

COMPOSITION/INFORMATION ON INGREDIENTS

Components

Material	CAS Number	%
Peptone		1
Sodium Chloride	7647-14-5	0.5
Disodium Phosphate	7558-79-4	0.35
Potassium Dihydrogen Phosphate	7778-77-0	0.15

HAZARDS IDENTIFICATION

Potential Health Effects

THIS PRODUCT CAN BE USED SAFELY WHEN USED AS DIRECTED AND WHEN APPLICABLE SAFETY PRECAUTIONS ARE FOLLOWED.

Exposure to bulk powder may cause temporary eye irritation with tearing, pain or blurred vision.

Prolonged skin contact to bulk powder may cause irritation with discomfort or rash.

Ingestion of large amounts may cause nausea, vomiting or diarrhea.

Inhalation of high concentrations of the bulk powder dust

(HAZARDS IDENTIFICATION - Continued)

may cause irritation of the upper respiratory passages with coughing and discomfort.

Carcinogenicity Information

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

FIRST AID MEASURES

First Aid

INHALATION

No specific intervention is indicated as the compound is not likely to be hazardous by inhalation. Consult a physician if necessary.

SKIN CONTACT

Flush skin with water after contact. Wash contaminated clothing before reuse.

EYE CONTACT

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

INGESTION

If swallowed, do not induce vomiting. Immediately give 2 glasses of water. Never give anything by mouth to an unconscious person. Call a physician.

FIRE FIGHTING MEASURES

Extinguishing Media

Use media appropriate for surrounding material. Water Spray, Foam, Dry Chemical, CO2.

ACCIDENTAL RELEASE MEASURES

Safeguards (Personnel)

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

(ACCIDENTAL RELEASE MEASURES - Continued)

Initial Containment

Follow applicable Federal, State/Provincial and Local laws/
regulations.

Spill Clean Up

Shovel or sweep up. Flush spill area with water.

HANDLING AND STORAGE

Handling (Personnel)

Avoid inhalation. Avoid contact with eyes, skin or clothing.

Handling (Physical Aspects)

When packaged in a pre-measured water-soluble packet, which readily dissolves in water, do not allow the product to come into contact with moisture except for when in use. Exposure to moisture or excessive handling of the soluble packets will cause them to break resulting in potential for dust exposure.

Storage

Store at room temperature. Keep well closed and protect from direct sunlight and moisture.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

RESPIRATORY:

Recommended for bulk powder material: Approved/certified disposable particulate dust mask.

Latex gloves and safety glasses are minimum protective equipment recommended for any laboratory work with this product.

Exposure Guidelines

Exposure Limits

Buffered Peptone Water

PEL (OSHA)	: None Established
TLV (ACGIH)	: None Established

PHYSICAL AND CHEMICAL PROPERTIES

Physical Data

Form	: Powder in bulk form, or powder packaged in water-soluble film
Color	: Straw (light)
pH	: 7-7.4

STABILITY AND REACTIVITY

Chemical Stability

Stable at normal conditions.

Conditions to Avoid

Exposure to direct sunlight and moisture.

Polymerization

Polymerization will not occur.

TOXICOLOGICAL INFORMATION

Animal Data

Oral LD50:	> 2000 mg/kg in rats
Dermal LD50:	> 2000 mg/kg in rabbits
Inhalation 4 hour LC50:	> 20 mg/L in rats

ECOLOGICAL INFORMATION

Ecotoxicological Information

AQUATIC TOXICITY:
No information is available.

