



The MSDS format adheres to the standards and regulatory requirements of the United States and may not meet regulatory requirements in other countries.

DuPont  
Material Safety Data Sheet

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DuPont Lateral Flow System Test Strips  
E1001546 Revised 22-JUN-2005  
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CHEMICAL PRODUCT/COMPANY IDENTIFICATION  
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Tradenames and Synonyms

DuPont LFS Test Strips  
(DuPont) Lateral Flow System Test Strips  
(DuPont) LFS Test Strips

Company Identification

MANUFACTURER/DISTRIBUTOR

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

PHONE NUMBERS

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

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COMPOSITION/INFORMATION ON INGREDIENTS  
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Components

Material	CAS Number	%
LFS Test Strips		100

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HAZARDS IDENTIFICATION  
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Potential Health Effects

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

PRIMARY ROUTE(S) OF EXPOSURE/ENTRY:

Skin, Eyes, and Ingestion. Wash thoroughly after contact with skin or eyes. Contact a physician if ingested.

SIGNS AND SYMPTOMS OF EXPOSURE/MEDICAL CONDITIONS

AGGRAVATED BY EXPOSURE:

The protein components (BSA, ovalbumin, antibodies, etc.) of the laminated strips may cause allergic reaction after repeated exposure (symptoms may include hay fever, asthma and tightness of the chest).

## (HAZARDS IDENTIFICATION - Continued)

## 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.

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FIRST AID MEASURES  
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## First Aid

INHALATION: N/A

## SKIN CONTACT:

The buffer material is not likely to be hazardous by skin contact, however, cleansing the skin after use is advisable. The animal proteins and dried reagents absorbed into the plastic and fiber components are very unlikely to be hazardous by skin contact, but cleansing the skin after use is advisable.

## EYE CONTACT:

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

## INGESTION:

Ingestion of small amounts of buffer should not be toxic, however, a physician should be immediately contacted. The animal proteins and dried reagents absorbed into the plastic and fiber components are very unlikely to be ingested or be hazardous by ingestion, however, a physician should be consulted should ingestion occur.

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FIRE FIGHTING MEASURES  
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## Extinguishing Media

Use media appropriate for surrounding material.

## Fire Fighting Instructions

Not a fire or explosion hazard; fire and explosion not expected to be a problem with the product.

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ACCIDENTAL RELEASE MEASURES  
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## Safeguards (Personnel)

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

## Initial Containment

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

## Spill Clean Up

Review FIRE AND EXPLOSION HAZARDS and SAFETY PRECAUTIONS before proceeding with clean up.

Use appropriate PERSONAL PROTECTION EQUIPMENT during clean up.

No specific clean up practice is required.

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HANDLING AND STORAGE  
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## Handling (Personnel)

Avoid contact with eyes.

## Storage

Hygroscopic. Keep container tightly closed.  
Store between 15-30 C.

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EXPOSURE CONTROLS/PERSONAL PROTECTION  
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## Engineering Controls

Ventilation: , Natural ventilation.

## Personal Protective Equipment

Respiratory Protection : None necessary  
Protective Gloves : Gloves are not required, but  
may be advisable  
Eye Protection : Normal laboratory safety glasses  
Other Protective Equipment: None

## Exposure Guidelines

## Exposure Limits

DuPont Lateral Flow System Test Strips  
PEL (OSHA) : None Established  
TLV (ACGIH) : None Established

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PHYSICAL AND CHEMICAL PROPERTIES  
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## Physical Data

Laminated strips consisting of several layers of plastic material and synthetic fiber absorbent pad which contains very small amounts of animal proteins and dried reagents. The laminated strips are packaged in a moisture-proof, plastic canister containing a desiccant liner.

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STABILITY AND REACTIVITY  
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## Chemical Stability

Hazardous Reactivity: None.

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TOXICOLOGICAL INFORMATION  
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## Animal Data

Hazardous in case of eye contact (non-irritant).

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ECOLOGICAL INFORMATION  
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## Ecotoxicological Information

The product itself is not toxic.

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DISPOSAL CONSIDERATIONS  
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## Waste Disposal

Comply with Federal, State and local regulations.

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TRANSPORTATION INFORMATION  
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## Shipping Information

DOT : Not regulated.  
IATA/IMO : Not restricted.

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REGULATORY INFORMATION  
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## U.S. Federal Regulations

OSHA HAZARD DETERMINATION: This material is not known to be hazardous as defined by OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

## EPA DETERMINATIONS:

COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, & LIABILITY ACT (CERCLA/SUPERFUND), 40 CFR 302: This material is not known to contain hazardous substances in sufficient quantity to make it subject to CERCLA regulations.

## TOXIC SUBSTANCES CONTROL ACT (TSCA):

DuPont Lateral Flow System Test Strips must be used solely for the purposes of research and development (R&D), including quality assurance and quality control testing, by or under the supervision of a technically qualified individual, and in accordance with the other R&D provisions of the Toxic Substances Control Act provided at 40 CFR 720.36.

RESOURCE CONSERVATION AND RECOVERY ACT (RCRA), 40 CFR 261, SUBPARTS C AND D: This material, when discarded or disposed of, is not specifically listed as a hazardous waste in Federal regulations; however, it could be considered hazardous if it meets criteria for being toxic, corrosive, ignitable or reactive according to U.S. EPA definitions (40 CFR 261). This material could also become a hazardous waste if it is mixed with or comes in contact with a listed hazardous waste. If it is a hazardous waste, regulations 40 CFR 262-266 and 268 may apply.

## HAZARDOUS MATERIALS TRANSPORTATION REGULATIONS,

49 CFR 171-178: This material is not known to contain hazardous substances in sufficient quantity to make it subject to the Regulations.

## State Regulations (U.S.)

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986 ("PROPOSITION 65"): This material is not known to contain any ingredient(s) subject to the Act.

## PENNSYLVANIA WORKER AND COMMUNITY RIGHT TO KNOW ACT:

This material is not known to contain any ingredient(s) subject to the Act. Non-hazardous ingredient(s) information is withheld as trade secret in accordance with Section 11 of the Pennsylvania Worker and Community Right to Know Act.

## Canadian Regulations

This is not a WHMIS Controlled Product.

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OTHER INFORMATION  
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## NFPA, NPCA-HMIS

NFPA Rating  
Health : 0  
Flammability : 0  
Reactivity : 0

## Additional Information

The DuPont Oval, DuPont (TM), The Miracles of Science (TM) and Lateral Flow System (TM) are trademarks of DuPont or its affiliates.

## TITLE III HAZARD CLASSIFICATION

Acute : No  
  
Chronic : No  
  
Fire : No  
  
Reactivity : No  
  
Pressure : No

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The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

Responsibility for MSDS : Product Safety Coordinator  
Address : Experimental Station, Bldg. 400  
Rt. 141 and Henry Clay Road  
Wilmington, DE 19880  
Telephone : 302-695-5300

This information is based upon technical information believed to be reliable. It is subject to revision as additional knowledge and experience is gained.

End of MSDS