



Kit SDS Cover Sheet

Product Name: **Reveal® 3-D for Almond Allergen**

Item No(s): **902086G**

This is a test kit that is comprised of several individual components, listed below, each of which may have its own Safety Data Sheet (SDS). If a component does not have a Safety Data Sheet included, the item falls under Hazard Communication [1910.1200(b)(6)], Articles, and does not require a Safety Data Sheet.

Kit Components:

1. Rapid Extraction Buffer, Type 12
2. Swab Wetting Solution
3. Lateral Flow Devices

For further information, please contact your Neogen Corporation Representative.



# SAFETY DATA SHEET

according to 29 CFR 1910.1200 and GHS

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## Rapid Extraction Buffer, Type 12

Revision 0  
Revision date 2019-02-04

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

|              |                                  |
|--------------|----------------------------------|
| Product name | Rapid Extraction Buffer, Type 12 |
| Product code | T502420E                         |

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

|             |  |
|-------------|--|
| Product Use | [SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [PC21] Laboratory chemicals; |
| Description | Intended for laboratory use only.  |

#### 1.3. Details of the supplier of the safety data sheet

|           |  |
|-----------|--|
| Company   | Neogen Corporation                           |
| Address   | 620 Leshler Place<br>Lansing MI 48912<br>USA |
| Web       | www.neogen.com                               |
| Telephone | 517-372-9200/800-234-5333                    |
| Email     | regulatorysupport@neogen.com                 |

#### 1.4. Emergency telephone number

|                            |                |
|----------------------------|----------------|
| Emergency telephone number | 1-800-234-5333 |
|----------------------------|----------------|

#### Further information

|             |   |
|-------------|---|
| Hotline(s): | Medical: United States (1-800-498-5743), International (1-651-523-0318).<br>Spill/CHEMTREC: United States (1-800-424-9300), International (1-703-527-3887). |
|-------------|---|

### SECTION 2: Hazards identification

#### 2.2. Label elements

|                   |                       |
|-------------------|-----------------------|
| Hazard Statements | No Significant Hazard |
|-------------------|-----------------------|

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

#### EC 1272/2008

| Chemical Name     | Index No. | CAS No.    | EC No.    | REACH Registration Number | Conc. (%w/w) | Classification  |
|-------------------|-----------|------------|-----------|---------------------------|--------------|---|
| Magnesium nitrate |           | 10377-60-3 | 233-826-7 |                           | 0 - 0.5%     | Ox. Sol. 2: H272; Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335; |

#### Description

# Rapid Extraction Buffer, Type 12

Revision 0  
Revision date 2019-02-04

## Description

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|              |  |
|--------------|--|
| Inhalation   | No irritation expected. Move the exposed person to fresh air.  |
| Eye contact  | Rinse immediately with plenty of water. Contact lenses should be removed.  |
| Skin contact | No irritation expected. Rinse immediately with plenty of water.  |
| Ingestion    | DO NOT INDUCE VOMITING unless advised to do so by a doctor. Never give anything by mouth to an unconscious person. |

### 4.2. Most important symptoms and effects, both acute and delayed

|              |   |
|--------------|---|
| Inhalation   | No irritation expected. Seek medical attention if irritation or symptoms persist. |
| Eye contact  | No irritation expected. Seek medical attention if irritation or symptoms persist. |
| Skin contact | No irritation expected. Seek medical attention if irritation or symptoms persist. |
| Ingestion    | If you feel unwell, seek medical advice (show the label where possible).          |

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.

### 5.2. Special hazards arising from the substance or mixture

This product is not flammable. Use extinguishing media appropriate to the surrounding fire conditions.

### 5.3. Advice for firefighters

Wear suitable respiratory equipment when necessary.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Adopt best Manual Handling considerations when handling, carrying and dispensing. Ensure adequate ventilation of the working area.

### 6.2. Environmental precautions

Prevent further spillage if safe. Clean spillage area thoroughly with plenty of water.

### 6.3. Methods and material for containment and cleaning up

Absorb spillage to prevent material damage. Clean spillage area thoroughly with plenty of water. Do not flush into surface water.

### 6.4. Reference to other sections

See section 2, 8 & 13 for further information.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes. Do not eat, drink or smoke in areas where this product is used or stored. Ensure adequate ventilation of the working area.

### 7.2. Conditions for safe storage, including any incompatibilities

Keep refrigerated. Keep container tightly closed. Keep only in the original container.

## Rapid Extraction Buffer, Type 12

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## 7.3. Specific end use(s)

See Section 1.2 for further information.

## SECTION 8: Exposure controls/personal protection

## 8.2. Exposure controls



Appropriate engineering controls

Ensure adequate ventilation of the working area.

Individual protection measures

Use as appropriate: Protective clothing.

Eye / face protection

Use as appropriate: Suitable eye protection.

Skin protection - Hand protection

Use as appropriate: Chemical resistant gloves.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

Occupational exposure controls

Keep away from food, drink and animal feed and/ or feed products.

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

|                                 |                    |
|---------------------------------|--------------------|
| <b>State</b>                    | Liquid             |
| <b>Color</b>                    | Clear/Light yellow |
| <b>Odor</b>                     | No data available  |
| <b>Explosive properties</b>     | No data available  |
| <b>Oxidising properties</b>     | No data available  |
| <b>Odour threshold</b>          | No data available  |
| <b>pH</b>                       | No data available  |
| <b>Melting point</b>            | No data available  |
| <b>Freezing Point</b>           | No data available  |
| <b>Boiling point</b>            | No data available  |
| <b>Flash point</b>              | No data available  |
| <b>Evaporation rate</b>         | No data available  |
| <b>Flammability limits</b>      | Not applicable.    |
| <b>Vapor pressure</b>           | No data available  |
| <b>Vapor density</b>            | No data available  |
| <b>Relative density</b>         | No data available  |
| <b>Partition coefficient</b>    | No data available  |
| <b>Autoignition temperature</b> | No data available  |
| <b>Viscosity</b>                | No data available  |
| <b>Solubility</b>               | Miscible in water  |

## 9.2. Other information

|   |                   |
|---|-------------------|
| <b>VOC (Volatile organic compounds)</b> | No data available |
|---|-------------------|

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

## Rapid Extraction Buffer, Type 12

Revision 0  
Revision date 2019-02-04

## 10.1. Reactivity

Stable under normal conditions.

## 10.2. Chemical stability

Stable under normal conditions.

## 10.3. Possibility of hazardous reactions

No Significant Hazard.

## 10.4. Conditions to avoid

Keep away from heat.

## 10.5. Incompatible materials

No data available.

## 10.6. Hazardous decomposition products

Carbon oxides.

## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

|                                |  |
|--------------------------------|--|
| Acute toxicity                 | No Significant Hazard.   |
| Skin corrosion/irritation      | No irritation expected.  |
| Serious eye damage/irritation  | No irritation expected.  |
| Germ cell mutagenicity         | No Significant Hazard.   |
| Carcinogenicity                | Not found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs, Volumes 1-112.<br>Not listed in the National Toxicology Program (NTP) 13th Report on Carcinogens.<br>Not listed in the OSHA standard 1910.1003 Carcinogens. |
| Reproductive toxicity          | No Significant Hazard.   |
| STOT-single exposure           | No Significant Hazard.   |
| STOT-repeated exposure         | No Significant Hazard.   |
| Aspiration hazard              | No Significant Hazard.   |
| Repeated or prolonged exposure | Avoid prolonged or repeated exposure.  |

## 11.1.2. Mixtures

Caution - substance not yet fully tested.

## 11.1.4. Toxicological information

No data available

## SECTION 12: Ecological information

## 12.1. Toxicity

No data available

## 12.2. Persistence and degradability

No data is available on this product.

## 12.3. Bioaccumulative potential

No data is available on this product.

# Rapid Extraction Buffer, Type 12

Revision 0  
Revision date 2019-02-04

## Partition coefficient

Rapid Extraction Buffer, Type 12 No data available

## 12.4. Mobility in soil

No data is available on this product.

## 12.5. Results of PBT and vPvB assessment

No data is available on this product.

## 12.6. Other adverse effects

Caution - substance not yet fully tested.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Dispose of in compliance with all. local and national regulations.

### Disposal methods

Dispose of in compliance with all. local and national regulations.

### Disposal of packaging

Dispose of in compliance with all. local and national regulations.

## SECTION 14: Transport information

### 14.1. UN number

The product is not classified as dangerous for carriage.

### 14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

### 14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

### 14.4. Packing group

The product is not classified as dangerous for carriage.

### 14.5. Environmental hazards

The product is not classified as dangerous for carriage.

### 14.6. Special precautions for user

The product is not classified as dangerous for carriage.

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The product is not classified as dangerous for carriage.

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### Regulations

Hazard Communication Standard: 29 Code of Federal Regulations 1910.1200: Occupational Safety and Health Standards: Z: Toxic and Hazardous Substances: Hazard Communication.

All chemicals in this product are TSCA listed or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory. TSCA - United States Toxic Substances Control Act Section 8(b) Inventory.

# Rapid Extraction Buffer, Type 12

Revision 0  
Revision date 2019-02-04

## 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

|  |  |
|--|--|
|  | <p>US State Regulations:</p> <p>New Jersey Right-to-Know Hazardous Substance List:<br/>This material contains no reportable components</p> <p>Pennsylvania Right-to-Know Hazardous Substance List:<br/>This material contains no reportable components.</p> <p>Rhode Island Right-to-Know Hazardous Substance List:<br/>This material contains no reportable components.</p> |
|--|--|

## SECTION 16: Other information

### Other information

|   |  |
|---|--|
| <b>Text of Hazard Statements in Section 3</b> | <p>Ox. Sol. 2: H272 - May intensify fire; oxidiser.</p> <p>Skin Irrit. 2: H315 - Causes skin irritation.</p> <p>Eye Irrit. 2: H319 - Causes serious eye irritation.</p> <p>STOT SE 3: H335 - May cause respiratory irritation.</p> |
|---|--|

### Further information

|  |  |
|--|--|
|  | <p>DISCLAIMER: The information and recommendations set forth herein ("Information") are presented in good faith and believed to be correct as of the date issued. No representation is made regarding the completeness or accuracy of the Information. Further, because of the many factors that affect the use of this product, the Information is supplied upon the condition that the person(s) receiving it will make their own determination regarding its suitability for their own unique purpose(s), prior to use.</p> <p>Except as expressly stated herein, NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, COURSE OF PERFORMANCE, USAGE OF TRADE, OR RESULTS TO BE OBTAINED BY USE OF THIS PRODUCT are made with respect to this product or use of this product. The product covered is furnished "as is" and only subject to the warranties herein provided, no liability is assumed resulting from the use of this product.</p> |
|--|--|



# SAFETY DATA SHEET

according to 29 CFR 1910.1200 and GHS

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## Swab Wetting Solution

Revision 0  
Revision date 2019-01-17

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

|              |                       |
|--------------|-----------------------|
| Product name | Swab Wetting Solution |
| Product code | 24368                 |

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

|             |  |
|-------------|--|
| Product Use | [SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [PC21] Laboratory chemicals; |
| Description | Intended for laboratory use only.  |

#### 1.3. Details of the supplier of the safety data sheet

|           |  |
|-----------|--|
| Company   | Neogen Corporation                           |
| Address   | 620 Leshner Place<br>Lansing MI 48912<br>USA |
| Web       | www.neogen.com                               |
| Telephone | 517-372-9200/800-234-5333                    |
| Email     | regulatorysupport@neogen.com                 |

#### 1.4. Emergency telephone number

|                            |                |
|----------------------------|----------------|
| Emergency telephone number | 1-800-234-5333 |
|----------------------------|----------------|

#### Further information

|             |   |
|-------------|---|
| Hotline(s): | Medical: United States (1-800-498-5743), International (1-651-523-0318).<br>Spill/CHEMTREC: United States (1-800-424-9300), International (1-703-527-3887). |
|-------------|---|

### SECTION 2: Hazards identification

#### 2.2. Label elements

|                   |                       |
|-------------------|-----------------------|
| Hazard Statements | No Significant Hazard |
|-------------------|-----------------------|

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

#### EC 1272/2008

| Chemical Name     | Index No. | CAS No.    | EC No.    | REACH Registration Number | Conc. (%w/w) | Classification  |
|-------------------|-----------|------------|-----------|---------------------------|--------------|---|
| Magnesium nitrate |           | 10377-60-3 | 233-826-7 |                           | 0 - 0.5%     | Ox. Sol. 2: H272; Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335; |

#### Description



# Swab Wetting Solution

Revision 0  
Revision date 2019-01-17

## Description

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|              |  |
|--------------|--|
| Inhalation   | Move the exposed person to fresh air. If breathing is difficult give oxygen. If breathing stops, provide artificial respiration. Seek medical attention if irritation or symptoms persist. |
| Eye contact  | Rinse immediately with plenty of water. Contact lenses should be removed. Seek medical attention if irritation or symptoms persist.  |
| Skin contact | Rinse immediately with plenty of water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.  |
| Ingestion    | DO NOT INDUCE VOMITING unless advised to do so by a doctor. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.                        |

### 4.2. Most important symptoms and effects, both acute and delayed

|              |   |
|--------------|---|
| Inhalation   | Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. |
| Eye contact  | May cause irritation to eyes.   |
| Skin contact | May cause irritation to skin.   |
| Ingestion    | Ingestion may cause nausea and vomiting.  |

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.

### 5.2. Special hazards arising from the substance or mixture

This product is not flammable. Use extinguishing media appropriate to the surrounding fire conditions.

### 5.3. Advice for firefighters

Wear suitable respiratory equipment when necessary.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Adopt best Manual Handling considerations when handling, carrying and dispensing. Ensure adequate ventilation of the working area.

### 6.2. Environmental precautions

Prevent further spillage if safe. Clean spillage area thoroughly with plenty of water.

### 6.3. Methods and material for containment and cleaning up

Absorb spillage to prevent material damage. Clean spillage area thoroughly with plenty of water. Do not flush into surface water.

### 6.4. Reference to other sections

See section 2, 8 & 13 for further information.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes. Do not eat, drink or smoke in areas where this product is used or stored. Ensure adequate ventilation of the working area.

# Swab Wetting Solution

Revision 0  
Revision date 2019-01-17

## 7.2. Conditions for safe storage, including any incompatibilities

Store in correctly labelled containers. Keep container tightly closed.

## 7.3. Specific end use(s)

See Section 1.2 for further information.

## SECTION 8: Exposure controls/personal protection

### 8.2. Exposure controls



Appropriate engineering controls

Ensure adequate ventilation of the working area.

Individual protection measures

Use as appropriate: Protective clothing.

Eye / face protection

Use as appropriate: Suitable eye protection.

Skin protection - Hand protection

Use as appropriate: Chemical resistant gloves.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

Occupational exposure controls

Keep away from food, drink and animal feed and/ or feed products.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|                                 |                   |
|---------------------------------|-------------------|
| <b>State</b>                    | Liquid            |
| <b>Color</b>                    | Clear             |
| <b>Odor</b>                     | Odorless/Slight   |
| <b>Odour threshold</b>          | No data available |
| <b>pH</b>                       | No data available |
| <b>Melting point</b>            | No data available |
| <b>Freezing Point</b>           | No data available |
| <b>Boiling point</b>            | No data available |
| <b>Flash point</b>              | No data available |
| <b>Evaporation rate</b>         | No data available |
| <b>Flammability limits</b>      | Not applicable.   |
| <b>Vapor pressure</b>           | No data available |
| <b>Vapor density</b>            | No data available |
| <b>Relative density</b>         | No data available |
| <b>Partition coefficient</b>    | No data available |
| <b>Autoignition temperature</b> | No data available |
| <b>Viscosity</b>                | No data available |
| <b>Explosive properties</b>     | No data available |
| <b>Oxidising properties</b>     | No data available |
| <b>Solubility</b>               | No data available |

### 9.2. Other information

VOC (Volatile organic compounds) No data available

# Swab Wetting Solution

Revision 0  
Revision date 2019-01-17

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No Significant Hazard.

### 10.4. Conditions to avoid

Keep away from heat.

### 10.5. Incompatible materials

No data available.

### 10.6. Hazardous decomposition products

Carbon oxides.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                                |  |
|--------------------------------|--|
| Acute toxicity                 | Ingestion may cause nausea and vomiting.   |
| Skin corrosion/irritation      | May cause irritation to skin.  |
| Serious eye damage/irritation  | May cause irritation to eyes.  |
| Germ cell mutagenicity         | No Significant Hazard.   |
| Carcinogenicity                | Not found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs, Volumes 1-112.<br>Not listed in the National Toxicology Program (NTP) 13th Report on Carcinogens.<br>Not listed in the OSHA standard 1910.1003 Carcinogens. |
| Reproductive toxicity          | No Significant Hazard.   |
| STOT-single exposure           | No Significant Hazard.   |
| STOT-repeated exposure         | No Significant Hazard.   |
| Aspiration hazard              | No Significant Hazard.   |
| Repeated or prolonged exposure | Avoid prolonged or repeated exposure.  |

### 11.1.4. Toxicological information

No data available

## SECTION 12: Ecological information

### 12.1. Toxicity

No data available

### 12.2. Persistence and degradability

No data is available on this product.

### 12.3. Bioaccumulative potential

No data is available on this product.

### Partition coefficient

# Swab Wetting Solution

Revision 0  
Revision date 2019-01-17

## Partition coefficient

Swab Wetting Solution No data available

## 12.4. Mobility in soil

No data is available on this product.

## 12.5. Results of PBT and vPvB assessment

No data is available on this product.

## 12.6. Other adverse effects

Caution - substance not yet fully tested.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Dispose of in compliance with all. local and national regulations.

### Disposal methods

Dispose of in compliance with all. local and national regulations.

### Disposal of packaging

Dispose of in compliance with all. local and national regulations.

## SECTION 14: Transport information

### 14.1. UN number

The product is not classified as dangerous for carriage.

### 14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

### 14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

### 14.4. Packing group

The product is not classified as dangerous for carriage.

### 14.5. Environmental hazards

The product is not classified as dangerous for carriage.

### 14.6. Special precautions for user

The product is not classified as dangerous for carriage.

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The product is not classified as dangerous for carriage.

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### Regulations

Hazard Communication Standard: 29 Code of Federal Regulations 1910.1200: Occupational Safety and Health Standards: Z: Toxic and Hazardous Substances: Hazard Communication.

All chemicals in this product are TSCA listed or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory. TSCA - United States Toxic Substances Control Act Section 8(b) Inventory.

# Swab Wetting Solution

Revision 0  
Revision date 2019-01-17

## 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

|  |  |
|--|--|
|  | <p>US State Regulations:</p> <p>New Jersey Right-to-Know Hazardous Substance List:<br/>This material contains no reportable components</p> <p>Pennsylvania Right-to-Know Hazardous Substance List:<br/>This material contains no reportable components.</p> <p>Rhode Island Right-to-Know Hazardous Substance List:<br/>This material contains no reportable components.</p> |
|--|--|

## SECTION 16: Other information

### Other information

|   |  |
|---|--|
| <b>Text of Hazard Statements in Section 3</b> | <p>Ox. Sol. 2: H272 - May intensify fire; oxidiser.</p> <p>Skin Irrit. 2: H315 - Causes skin irritation.</p> <p>Eye Irrit. 2: H319 - Causes serious eye irritation.</p> <p>STOT SE 3: H335 - May cause respiratory irritation.</p> |
|---|--|

### Further information

|  |  |
|--|--|
|  | <p>DISCLAIMER: The information and recommendations set forth herein ("Information") are presented in good faith and believed to be correct as of the date issued. No representation is made regarding the completeness or accuracy of the Information. Further, because of the many factors that affect the use of this product, the Information is supplied upon the condition that the person(s) receiving it will make their own determination regarding its suitability for their own unique purpose(s), prior to use.</p> <p>Except as expressly stated herein, NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, COURSE OF PERFORMANCE, USAGE OF TRADE, OR RESULTS TO BE OBTAINED BY USE OF THIS PRODUCT are made with respect to this product or use of this product. The product covered is furnished "as is" and only subject to the warranties herein provided, no liability is assumed resulting from the use of this product.</p> |
|--|--|