# SAFETY DATA SHEET

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

| Product: | TOP STOP™ SURFACE RETARDER |
| Manufacturer: | W. R. Meadows®, Inc. |
| Part Number: | 3063000 |
| Address: | 300 Industrial Drive Hampshire, Illinois 60140 |
| Telephone: | (847) 214-2100 |
| Revision Date: | 9/9/2014 |
| Product Use: | Surface Retarder |

## SECTION 2: HAZARDS IDENTIFICATION/EXPOSURE LIMITS

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health</th>
<th>Flammability</th>
<th>Reactivity</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

## SECTION 3: HAZARDS COMPONENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>% by Weight</th>
<th>SARA</th>
<th>Vapor Pressure (mm Hg@20°C)</th>
<th>LEL (@25°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. None</td>
<td></td>
<td></td>
<td>313</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Under the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372, chemicals listed on the 313 List (40 CFR Part 373.65) are identified under the heading “SARA 313.”

## SECTION 4: EMERGENCY AND FIRST AID PROCEDURES

- **EYE CONTACT**: Flush eyes with water for fifteen (15) minutes. If symptoms persist, seek medical attention.
- **SKIN CONTACT**: Wash affected areas with mild soap and water. Remove contaminated shoes/clothing. If symptoms persist, seek medical attention.
- **INHALATION**: Not expected to be an exposure route as supplied. If respiratory symptoms develop, seek medical attention.
- **INGESTION**: Dilute with liquid unless the victim is unconscious or very drowsy. Induce vomiting by touching finger to back of throat or administering syrup of IPECAC. If vomiting spontaneously occurs, keep head below the hips to prevent lung aspiration. Seek medical attention.

## SECTION 5: FIRE AND EXPLOSIVES HAZARDS

- **FLASHPOINT**: No flash point due to high water content.
- **EXTINGUISHING MEDIA**: Not applicable. Product will not support combustion.
- **CHEMICAL/COMBUSTION HAZARDS**: Not applicable. Product will not support combustion.
- **PRECAUTIONS/PERSONAL PROTECTIVE EQUIPMENT**: Avoid smoke inhalation. Use appropriate personal protective equipment.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

- **SPILL OR LEAK PROCEDURES**: Avoid direct contact. Dike and contain spilled material. Remove source of spill if safe to do so. Apply absorbent and place clean-up material in sealed/marked containers for proper disposal. Clean-up materials will be classified as non-hazardous waste.

## SECTION 7: HANDLING AND STORAGE

- **SAFE HANDLING PROCEDURES**: Avoid direct contact.
- **SAFE STORAGE**: Do not allow product to freeze.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>PEL</th>
<th>PEL/CEILING</th>
<th>PEL/STEL</th>
<th>SKIN</th>
<th>TWA</th>
<th>TLV/CEILING</th>
<th>TLV/STEL</th>
<th>SKIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. None</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **ENGINEERING CONTROLS**: None required under normal use conditions.
- **PERSONAL PROTECTIVE EQUIPMENT**: Safety glasses, chemical-resistant gloves.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- **BOILING POINT**: 212 degrees F
- **EVAPORATION RATE**: <1 (Ether=1)
- **WEIGHT PER GALLON**: 8.33

<table>
<thead>
<tr>
<th>VAPOR DENSITY</th>
<th>pH LEVEL</th>
<th>% VOLATILE BY VOLUME</th>
<th>% VOLATILE BY WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>N/E</td>
<td>98</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PRODUCT APPEARANCE</th>
<th>VOC CONTENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clear liquid</td>
<td>0 g/L</td>
</tr>
</tbody>
</table>

## SECTION 10: STABILITY/REACTIVITY

- **STABILITY**: Stable.
- **HAZARDOUS POLYMERIZATION**: Will not occur.
- **CONDITIONS AND MATERIALS TO AVOID**: Strong oxidizing agents.
- **HAZARDOUS DECOMPOSITION PRODUCTS**: None recognized.
# SAFETY DATA SHEET

**Date of Preparation:** 9/9/2014

## SECTION 11: TOXICOLOGICAL INFORMATION

### EYE CONTACT:
Direct contact may cause mild irritation.

### SKIN CONTACT:
Direct contact may cause slight skin irritation. Prolonged/repeated contact may result in irritation.

### INHALATION:
Not anticipated to be an exposure route.

### INGESTION:
Not anticipated to be an exposure route.

### SIGNS AND SYMPTOMS:
Symptoms of eye irritation include tearing, reddening, and swelling. Symptoms of skin irritation include redness and swelling. Gastrointestinal irritation symptoms include nausea, vomiting, and abdominal discomfort. Symptoms of respiratory irritation include runny nose, sore throat, coughing, chest discomfort, shortness of breath, and reduced lung function.

### AGGRAVATED MEDICAL CONDITIONS:
None recognized.

### OTHER HEALTH EFFECTS:
None recognized.

## SECTION 12: ECOLOGICAL INFORMATION

### ECOTOXICITY:
N/E

### DEGRADABILITY:
N/E

### BIOACCUMULATIVE POTENTIAL:
N/E

### SOIL MOBILITY:
N/E

### OTHER ADVERSE EFFECTS:
None recognized.

## SECTION 13: WASTE DISPOSAL INFORMATION

### WASTE DISPOSAL INFORMATION:
Non-hazardous waste if disposed.

## SECTION 14: TRANSPORTATION INFORMATION

### HAZARDOUS/NON-HAZARDOUS MATERIAL:
Not regulated by DOT.

### UN NUMBER:
None.

### HAZARD CLASS:
N/A

### PACKING GROUP:
N/A

### UN PROPER SHIPPING NAME:
N/A

### ENVIRONMENTAL HAZARDS:
None recognized.

### BULK TRANSPORTATION INFORMATION:
None.

### SPECIAL PRECAUTIONS:
None recognized.

## SECTION 15: REGULATORY INFORMATION

### OTHER REGULATORY CONSIDERATIONS:
None recognized.

## SECTION 16: OTHER INFORMATION

### PREPARATION DATE:
9/9/2014

### PREPARED BY:
Dave Carey

---

The information contained herein is based on the data available to us and is believed to be correct. However, we make no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injury from the use of this product described herein.