

Issue Date 11-Aug-2014

Revision Date 12-Sep-2019

Version 3

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier.

**Product Name** TRANSFILM® Anti-Transpirant

### Other means of identification

**Product Code** PBI FP 8371046

**Product Size** 30 U. S. Gal.

### Recommended use of the chemical and restrictions on use

**Recommended Use** Consumer use

**Uses advised against** No information available

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

#### Supplier Address

PBI-Gordon Corporation  
P.O. Box 860350  
Shawnee, KS 66286

#### Company Name

PBI-Gordon Corporation  
P.O. Box 860350  
Shawnee, KS 66286

#### Manufacturer

PBI-Gordon Corporation  
P.O. Box 860350  
Shawnee, KS 66286

### Emergency telephone number

**24 Hour Emergency Phone Number** Chemtrec 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

### Classification

### OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

|                          |            |
|--------------------------|------------|
| Acute Aquatic Toxicity   | Category 2 |
| Chronic Aquatic Toxicity | Category 2 |

### Label elements

#### Emergency Overview

#### Hazard statements

- Toxic to aquatic life with long lasting effects



**Appearance** Liquid

**Physical state** Liquid

**Odor** Pleasant

### Hazards not otherwise classified (HNOC)

Not applicable

### Other information

Not applicable.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance**

Not applicable.

**Mixture**

| Chemical name         | CAS-No     | Weight-% |
|-----------------------|------------|----------|
| Oxidized Polyethylene | 68441-17-8 | 9.12     |
| Polymeric terpenes    | 70750-57-1 | 8.18     |

\* The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. FIRST AID MEASURES****Description of first aid measures**

|                     |                                                                                                                                        |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye contact</b>  | Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. If symptoms persist, call a physician. |
| <b>Skin contact</b> | Wash skin with soap and water. If symptoms persist, call a physician.                                                                  |
| <b>Inhalation</b>   | Remove to fresh air. If symptoms persist, call a physician.                                                                            |
| <b>Ingestion</b>    | Clean mouth with water and drink afterwards plenty of water. Call a physician.                                                         |

**Most important symptoms and effects, both acute and delayed**

|                 |                           |
|-----------------|---------------------------|
| <b>Symptoms</b> | No information available. |
|-----------------|---------------------------|

**Indication of any immediate medical attention and special treatment needed**

|                           |                        |
|---------------------------|------------------------|
| <b>Note to physicians</b> | Treat symptomatically. |
|---------------------------|------------------------|

**5. FIRE-FIGHTING MEASURES**

|                                                              |                                                                                                                                                 |
|--------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| <b><u>Suitable Extinguishing Media</u></b>                   | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.                                         |
| <b><u>Unsuitable extinguishing media</u></b>                 | No information available.                                                                                                                       |
| <b><u>Specific hazards arising from the chemical</u></b>     | In the event of fire and/or explosion do not breathe fumes. Thermal decomposition can lead to release of irritating and toxic gases and vapors. |
| <b><u>Explosion data</u></b>                                 |                                                                                                                                                 |
| <b>Sensitivity to mechanical impact</b>                      | None.                                                                                                                                           |
| <b>Sensitivity to static discharge</b>                       | None.                                                                                                                                           |
| <b><u>Special protective equipment for fire-fighters</u></b> | As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.          |

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

|                             |                                                                                                           |
|-----------------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Personal precautions</b> | Ensure adequate ventilation, especially in confined areas. Use personal protective equipment as required. |
|-----------------------------|-----------------------------------------------------------------------------------------------------------|

**Environmental precautions**

|                                  |                                                                                                                                                                             |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Environmental precautions</b> | See Section 12 for additional ecological information Avoid release to the environment<br>Dispose of contents/container to an approved waste disposal plant Collect spillage |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Methods and material for containment and cleaning up**

|                                |                                                                                                                                                                                                            |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Methods for containment</b> | Prevent further leakage or spillage if safe to do so.                                                                                                                                                      |
| <b>Methods for cleaning up</b> | Use personal protective equipment as required. Dam up. Soak up with inert absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. |

## 7. HANDLING AND STORAGE

### Precautions for safe handling

|                                |                                                                                                                   |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Advice on safe handling</b> | Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------|

### Conditions for safe storage, including any incompatibilities

|                           |                                                                                                                                   |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage Conditions</b> | Keep containers tightly closed in a dry, cool and well-ventilated place. Keep from freezing. Keep in properly labeled containers. |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------|

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Limits

|                          |                                                                                                             |
|--------------------------|-------------------------------------------------------------------------------------------------------------|
| <b>Other Information</b> | Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992). |
|--------------------------|-------------------------------------------------------------------------------------------------------------|

### Appropriate engineering controls

|                             |                                                     |
|-----------------------------|-----------------------------------------------------|
| <b>Engineering controls</b> | Showers<br>Eyewash stations<br>Ventilation systems. |
|-----------------------------|-----------------------------------------------------|

### Individual protection measures, such as personal protective equipment

|                                       |                                                                                                                                                                                                                                                                                                                         |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye/face protection</b>            | Wear safety glasses with side shields (or goggles).                                                                                                                                                                                                                                                                     |
| <b>Hand protection</b>                | Chemical resistant gloves.                                                                                                                                                                                                                                                                                              |
| <b>Skin and body protection</b>       | Clean full cover clothing is sufficient under normal exposure.                                                                                                                                                                                                                                                          |
| <b>Respiratory protection</b>         | If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. |
| <b>General hygiene considerations</b> | Handle in accordance with good industrial hygiene and safety practice.                                                                                                                                                                                                                                                  |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

|                       |                          |
|-----------------------|--------------------------|
| <b>Physical state</b> | Liquid                   |
| <b>Appearance</b>     | Liquid                   |
| <b>Color</b>          | Milky white              |
| <b>Odor</b>           | Pleasant                 |
| <b>Odor threshold</b> | No information available |

| <u>Property</u>                      | <u>Values</u>     | <u>Remarks • Method</u> |
|--------------------------------------|-------------------|-------------------------|
| <b>pH</b>                            | 9.5               |                         |
| <b>Melting point/freezing point</b>  | <35 °F            |                         |
| <b>Boiling point / boiling range</b> | = 104 °C / 219 °F |                         |

|                              |                   |            |
|------------------------------|-------------------|------------|
| Flash point                  | > 104 °C / 219 °F |            |
| Evaporation rate             | < 1               |            |
| Flammability (solid, gas)    | No data available | None known |
| Flammability Limit in Air    |                   | None known |
| Upper flammability limit:    | No data available |            |
| Lower flammability limit:    | No data available |            |
| Vapor pressure               | <17 mm Hg         |            |
| Vapor density                | >1                |            |
| Specific Gravity             | 0.98429           |            |
| Water solubility             | Emulsifiable      |            |
| Solubility in other solvents | No data available | None known |
| Partition coefficient        | No data available | None known |
| Autoignition temperature     | No data available | None known |
| Decomposition temperature    | No data available | None known |

**Other Information**

|                      |                          |
|----------------------|--------------------------|
| Oxidizing properties | No information available |
| Liquid Density       | 8.2 pounds/gallon        |
| Bulk density         | No information available |

**10. STABILITY AND REACTIVITY****Reactivity**

No information available.

**Stability**

No information available

**Possibility of hazardous reactions**

None under normal processing.

**Hazardous polymerization**

Will not occur.

**Conditions to avoid**

Keep out of reach of children. Extremes of temperature and direct sunlight.

**Incompatible materials**

Acids.

**Hazardous decomposition products**

None known.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Product Information**

|              |                                                                   |
|--------------|-------------------------------------------------------------------|
| Inhalation   | Specific test data for the substance or mixture is not available. |
| Eye contact  | Specific test data for the substance or mixture is not available. |
| Skin contact | Specific test data for the substance or mixture is not available. |
| Ingestion    | Specific test data for the substance or mixture is not available. |

**Component Information****Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** No information available.

**Acute toxicity**

**Numerical measures of toxicity - Product Information**

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 48183 mg/kg  
ATEmix (dermal) 28600 mg/kg

**Unknown Toxicity**

20 % of the mixture consists of ingredient(s) of unknown toxicity  
17 % of the mixture consists of ingredient(s) of unknown acute oral toxicity  
17 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity  
21 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)  
21 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)  
21 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation** No information available.

**Serious eye damage/eye irritation** No information available.

**Respiratory or skin sensitization** No information available.

**Germ cell mutagenicity** No information available.

**Carcinogenicity** No information available.

**Reproductive toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** Toxic to aquatic life with long lasting effects.

**Persistence and degradability** No information available.

**Bioaccumulation** There is no data for this product.

**Other adverse effects** No information available.

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

**Waste from residues/unused products** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Do not reuse empty containers.

## 14. TRANSPORT INFORMATION

|                   |               |
|-------------------|---------------|
| <u>DOT</u>        | Not regulated |
| <u>TDG</u>        | Not regulated |
| <u>MEX</u>        | Not regulated |
| <u>ICAO (air)</u> | Not regulated |
| <u>IATA</u>       | Not regulated |
| <u>IMDG</u>       | Not regulated |

## 15. REGULATORY INFORMATION

### U.S. EPA Label Information

**EPA Pesticide Registration Number** Not applicable

### International Inventories

|               |            |
|---------------|------------|
| TSCA          | Listed     |
| DSL/NDL       | Listed     |
| EINECS/ELINCS | Not Listed |
| ENCS          | Not Listed |
| IECSC         | Listed     |
| KECL          | Listed     |
| PICCS         | Listed     |
| AICS          | Not Listed |

### Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

### US Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

| Chemical name             | SARA 313 - Threshold Values % |
|---------------------------|-------------------------------|
| Diethanolamine - 111-42-2 | 1.0                           |

#### **SARA 311/312 Hazard Categories**

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

#### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

#### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

### US State Regulations

**California Proposition 65**

This product contains a chemical known to the state of California to cause cancer.

| Chemical name             | California Proposition 65 |
|---------------------------|---------------------------|
| Diethanolamine - 111-42-2 | Carcinogen                |

**U.S. State Right-to-Know Regulations****US State Regulations**

| Chemical name              | New Jersey | Massachusetts | Pennsylvania |
|----------------------------|------------|---------------|--------------|
| Diethanolamine<br>111-42-2 | X          | X             | X            |

**16. OTHER INFORMATION**

|             |                  |                |                    |                                    |
|-------------|------------------|----------------|--------------------|------------------------------------|
| <b>NFPA</b> | Health hazards 0 | Flammability 1 | Instability 0      | Physical and Chemical Properties - |
| <b>HMIS</b> | Health hazards 0 | Flammability 1 | Physical hazards 0 | Personal protection X              |

**Disclaimer**

The information provided in this Material Safety Data Sheet is correct to the best of PBI Gordon Corporation's knowledge, information and belief at the date of this publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process, unless specified in the text. PBI GORDON CORPORATION MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. Given the variety of factors that can affect the use and application of this product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the product to determine whether it is fit for a particular purpose and suitable for user's method of use or application. Each user is also responsible for evaluating the conditions of use and designing the appropriate protective mechanisms to prevent employee exposures, property damage, or release to the environment. PBI Gordon Corporation assumes no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.

End of Safety Data Sheet