

# SAFETY DATA SHEET

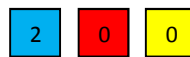
## Prime-Shine Dust Off® Wheel Cleaner w/Brake Dust Repellent

### Section 1: Product and Company Identification:

**Product Name:** Prime-Shine Dust-Off® Wheel Cleaner w/Brake Dust Repellent  
**Product Use:** Cleaner  
**Part's:** 5032PS, 5020P, 5035P  
**Manufacture/Supplier:** Aiken Chemical Company, Inc.  
P.O. Box 27147, Greenville, SC 29616  
12 Shelter Drive, Greer, SC 29650  
**Phone Number:** (864) 968-1250  
1-800-828-1860  
**Emergency Phone:** 1-800-424-9300  
**Date of Preparation:** May 29, 2015

### Section 2: Hazards Identification:

Hazard Determination System (HDS): Health, Flammability, Reactivity



**Emergency Overview:**  
**Warning:** May Cause Irritation to Eyes, skin, mouth, and throat.  
**Potential Health Effects:** See Section 11 for more information.  
**Likely Routes of Exposure:** Eye contact, skin contact, ingestion, and inhalation.  
**Eye:** Can cause tearing, redness and severe irritation, which may result in impairment of vision.  
**Skin:** Contact to unprotected skin may cause irritation. In addition, this product can be harmful if absorbed through skin.  
**Ingestion:** Harmful if swallowed. This product can be irritating to the eyes, skin, mouth, and throat. This product can cause abdominal pain, nausea, vomiting and severe discomfort. Harmful if swallowed.  
**Inhalation:** Inhalation of vapors/mist can cause irritation, coughing and chest pain. Excessive inhalation of vapors/mist may cause chemical pneumonitis. This product can be harmful if inhaled.  
**Chronic Effects:** Prolonged or repeated exposure may reduce product contact time before experiencing symptoms.  
**Signs and symptoms:** Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. Symptoms may include redness, edema, drying, de-fatting and cracking of the skin.  
**Medical Conditions**  
**Aggravated By Exposure:** Persons with pre-existing skin disorders, eye problems or impaired liver, kidney and respiratory functions.  
**Target Organs:** Skin, eyes, gastrointestinal tract, respiratory system  
**Potential Environmental Effects:** See Section 12 from more information.

### Section 3: Composition / Information on Ingredients:

| Ingredient          | CAS#       | Percent |
|---------------------|------------|---------|
| Ammonium fluoride   | 12125-01-8 | < 1     |
| Ammonium Bifluoride | 1341-49-7  | < 1     |

### Section 4: First Aid Measures:

**Eye Contact:** Immediately flush eyes with large amounts of water, lifting upper and lower lids occasionally, until transported to an emergency medical facility. Do not use zepheran chloride solution in eyes. Seek medical attention.  
**Skin Contact:** Immediately flush skin with large amounts of running water for 30 minutes. Remove contaminated clothing; wash clothing before reuse. Seek medical attention.

# SAFETY DATA SHEET

## Prime-Shine Dust Off® Wheel Cleaner w/Brake Dust Repellent

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**Inhalation:** If affected by vapors/mist, remove person to fresh air. Seek medical attention.  
**Ingestion:** DO NOT induce vomiting. Contact a poison control center. Unless the poison control center advises otherwise, dilute by giving large amounts of water or milk. Do not give anything by mouth to an unconscious or convulsing person. Seek medical assistance immediately. Fluoride poisoning may occur.  
**General Advice:** In case of accident or if you feel unwell, seek medical advice immediately. Show the label or SDS where possible.  
**Note to Physicians:** Symptoms may not appear immediately.

### **Section 5: Fire Fighting Measures:**

**Flammability:** Not Flammable by WHMIS/OSHA Criteria.  
**Means of Extinguishing:**  
**Suitable extinguishing media:** Use water fog, alcohol foam, carbon dioxide or dry chemical.  
**Unsuitable Extinguishing Media:** Not Available  
**Products of Combustion:** Not Available  
**Explosion Data:**  
**Sensitivity to Mechanical Impact:** Not Available  
**Sensitivity to Static Discharge:** Not Available  
**Protection of Firefighters:** Keep Upwind of fire. Wear full firefighting turn-out gear, (full Bunker gear), and respiratory protection (SCBA)

### **Section 6: Accidental Release Measures:**

**Personal Precautions:** Use personal protection recommended in section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.  
**Environmental Precautions:** Not Available  
**Methods for Containment:** Contain and/or absorb spill with inert material, (e.g. sand, vermiculite), then place in a suitable container. Use appropriate Personal Protective Equipment, (PPE).  
**Methods for Clean-up:** Scoop up material and place in a disposal container. Provide ventilation.  
**Other Information:** Wash thoroughly after handling this product.  
**Disposal:** Dispose of in accordance with all local, state and federal regulations.

### **Section 7: Handling and Storage:**

**Handling:** Avoid breathing vapor. Do not get in eyes, on skin or clothing. Do not swallow. Use with adequate ventilation. Wash thoroughly after handling. Keep away from aluminum metal. Protect skin and eyes. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid). Observe all warnings and precautions listed for this product.  
**Storage:** Keep in tightly closed containers. Store this product in a cool area with adequate ventilation. Do not store in aluminum, copper or galvanized containers.

### **Section 8: Exposure Controls/Personal Protections:**

#### **Exposure Guidelines:**

| Ingredient          | Exposure Limits |                       |                       |
|---------------------|-----------------|-----------------------|-----------------------|
|                     | CAS#            | OSHA-PEL              | ACGIH-TLV             |
| Ammonium Fluoride:  | 12125-01-8      | 2.5 mg/m <sup>3</sup> | 2.5 mg/m <sup>3</sup> |
| Ammonium Bifluoride | 1341-49-7       | 2.5 mg/m <sup>3</sup> | 2.5 mg/m <sup>3</sup> |

**Engineering Controls:** Use Ventilation adequate to keep exposures, (airborne levels of dust, fume, vapor, etc.), below recommended exposure limits.

#### **Personal Protective Equipment:**

**Respiratory Protection:** None unless exposure limits are exceeded, then use NIOSH/MSHA air supplied device  
**Eye/Face Protection:** Chemical goggles and/or safety glasses.  
**Hand Protection:** Wear suitable gloves, (Neoprene, Nitrile Rubber, and Polyethylene).  
**Skin and Body Protection:** Wear body-covering, impervious clothing, chemical resistant gloves and boots.

# SAFETY DATA SHEET

## Prime-Shine Dust Off® Wheel Cleaner w/Brake Dust Repellent

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**General Hygiene Considerations:** Always use caution when working with chemicals. Wash hands before eating or smoking.

### **Section 9: Physical and Chemical Properties:**

|  |   |
|--|---|
| <b>Appearance and Odor:</b>                  | Clear, colorless liquid with a grapefruit odor. Do not breathe fumes. |
| <b>Physical State:</b>                       | Liquid.   |
| <b>pH:</b>                                   | 5.0 – 6.0   |
| <b>Freezing Point:</b>                       | ~2°C (~28.4°F)  |
| <b>Boiling Point:</b>                        | ~100°C (~212°F)   |
| <b>Flash Point (Method Used):</b>            | >200°F (PMCC)   |
| <b>Evaporation Rate (Butyl Acetate= 1) :</b> | <1.0  |
| <b>LEL:</b>                                  | Not Determined  |
| <b>UEL:</b>                                  | Not Determined  |
| <b>Vapor Pressure (mm Hg.):</b>              | Not Determined  |
| <b>Vapor Density (AIR=1):</b>                | Not Determined  |
| <b>Specific Gravity:</b>                     | 1.1   |
| <b>Solubility in Water:</b>                  | Complete  |
| <b>Melting Point:</b>                        | NA  |
| <b>Auto-Ignition Temperature:</b>            | Not Determined  |
| <b>Percent Volatile, wt%:</b>                | Not Determined  |
| <b>VOC content, wt. %:</b>                   | < 0.2   |

### **Section 10: Stability and Reactivity:**

|   |   |
|---|---|
| <b>Stability:</b>                             | Stable under normal storage conditions.                                     |
| <b>Conditions to Avoid:</b>                   | Mixing or blending with high pH solutions. Excessive heat and contamination |
| <b>Incompatibility (Materials to avoid):</b>  | Avoid contact with reactive metals, strong alkalis and reducing materials.  |
| <b>Hazardous Decomposition or Byproducts:</b> | Ammonia, ammonium Bifluoride, hydrofluoric acid.                            |
| <b>Hazardous Polymerization:</b>              | Will Not Occur.   |

### **Section 11: Toxicology Information:**

|                                  |   |
|----------------------------------|---|
| <b>Effects of Acute Exposure</b> |   |
| <b>Component Analysis:</b>       | May be irritating to eyes, skin, lungs, and digestive system. |

### **Section 12: Ecological Information:**

|                                      |               |
|--------------------------------------|---------------|
| <b>Ecotoxicity:</b>                  | Not Available |
| <b>Persistence/Degradability:</b>    | Not Available |
| <b>Bioaccumulation/Accumulation:</b> | Not Available |
| <b>Mobility in Environment:</b>      | Not Available |

### **Section 13: Disposal Considerations:**

|                               |   |
|-------------------------------|---|
| <b>Disposal Instructions:</b> | This material must be disposed of in accordance with all local, state, provincial, and federal regulations. |
|-------------------------------|---|

### **Section 14: Transportation Information:**

|                              |  |
|------------------------------|--|
| <b>Proper Shipping Name:</b> | Cleaning Compound, Non-hazardous material. N.O.S |
| <b>Hazard Class:</b>         | N/A  |
| <b>UN Number:</b>            | N/A  |
| <b>Packing Group</b>         | N/A  |
| <b>IATA:</b>                 | N/A  |

### **Section 15: Regulatory Information:**

**Chemical Inventories:**

# SAFETY DATA SHEET

## Prime-Shine Dust Off® Wheel Cleaner w/Brake Dust Repellent

**TSCA:** All components of this product are either on the TSCA 8(b) Inventory or otherwise exempt from listing.

**SARA Section 311:** Acute

**CERCLA section 102(a):** Ammonium Bifluoride RQ 100 lbs; Ammonium Fluoride RQ 100 lbs

**SARA Section 313:**

**Toxic Release Inventory Chemical:** None reportable

**California Safe Drinking Water Enforcement Act (Prop 65):** This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

**Pennsylvania (Worker and Community Right-to-Know act):**

**Pennsylvania Special Hazardous Substance List and/or Pennsylvania Environmental Hazardous Substance list:** This material contains the following components that appear on the PA list:

| Component           | CAS#       | Amount |
|---------------------|------------|--------|
| Ammonium Fluoride   | 12125-01-8 | < 1%   |
| Ammonium Bifluoride | 1341-49-7  | < 1%   |

**New Jersey Right-to-Know Hazardous Substance List:**

| Component           | CAS#       | Amount |
|---------------------|------------|--------|
| Ammonium Fluoride   | 12125-01-8 | < 1%   |
| Ammonium Bifluoride | 1341-49-7  | < 1%   |

**Massachusetts Substance List:**

| Component           | CAS#       | Amount |
|---------------------|------------|--------|
| Ammonium Fluoride   | 12125-01-8 | < 1%   |
| Ammonium Bifluoride | 1341-49-7  | < 1%   |

### Section 16: Other Information:

|             |                      |                     |                        |  |
|-------------|----------------------|---------------------|------------------------|--|
| <b>NFPA</b> | <b>Health Hazard</b> | <b>Flammability</b> | <b>Instability</b>     | <b>Physical &amp; Chemical Hazards</b> |
|             | 2                    | 0                   | 0                      | NA                                     |
| <b>HMIS</b> | <b>Health Hazard</b> | <b>Flammability</b> | <b>Physical Hazard</b> | <b>Personal Protection</b>             |
|             | 2                    | 0                   | 0                      | C                                      |

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**Preparation Date:** March 30, 2015

**Revision Date:**

**General Disclaimer:** The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its 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 process, unless specified in the text.