

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard.
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 12180072

IDENTITY (As Used on Label and List)
Dust-Off[®] Wheel Cleaner w/ Brake Dust
Repellent

Note: Blank spaces are not permitted. If any item is not
Applicable or no information is available; the space must be
marked to indicate that.

Section I – Manufacturer

Manufacturer's Name
Aiken Chemical Company, Inc.

Emergency Telephone Number
1-800-424-9300

Address (Number, Street, City, State and Zip Code)
P. O. Box 27147

Telephone Number for Information
(864) 968-1250; 1-800-828-1860

Greenville, SC 29616

Date Prepared:
October 24, 2006

Revision #
Original

12 Shelter Dr., Greer, SC 29650

Signature of Preparer (optional)

Section II-Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	OTHER LIMITS	%
Ammonium Fluoride CAS# 12125-01-8		2.5 mg/m ³		<10%
Ammonium Bifluoride CAS# 1341-49-7		2.5 mg (F)/m ³		<15%

TSCA Information:

All ingredients of this product are listed on the TSCA inventory.

Section III - Physical/Chemical Characteristics

Boiling Point	>212 ° F	Specific Gravity (H₂O - 1)	1.1
Vapor Pressure (mm Hg.)	Unknown	Melting Point	N/A
Vapor Density (AIR=1)	Unknown	Evaporation Rate (Butyl Acetate=1)	<1.0
Solubility in Water Complete		pH 5.0 – 6.0	
Appearance and Odor Clear liquid with a grapefruit odor.			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) None	Flammable Limits Not Determined	LEL N/D	UEL N/D
Extinguishing Media Water spray, dry chemical, carbon dioxide or alcohol foam.			

Special Fire Fighting Procedures

Fire fighters wear self-contained breathing apparatus with full protective clothing.

Unusual Fire and Explosion Hazards

Decomposition can occur with heat above 220° C, which may result in release of hydrogen fluoride and ammonia.

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid Mixing or blending with high pH solutions.
	Stable	X	

Incompatibility (Materials to Avoid)

Avoid contact with reactive metals, strong alkalis and reducing materials.

Hazardous Decomposition or Byproducts

Ammonia, ammonium bifluoride, hydrofluoric acid.

Hazardous Polymerization	May Occur		Conditions to Avoid Excessive heat and contamination
	Will Not Occur	X	

Section VI - Health Hazard Data

Routes of Entry:	Inhalation?	Eyes?	Skin?	Ingestion?
	Yes	Yes	Yes	Yes

Health Hazards (Acute and Chronic)

See Section IX

Carcinogenicity:	NTP?	LARC Monographs?	OSHA Regulated?
	No	No	No

Signs and Symptoms of Exposure:

See Section IX (Acute Overexposure)

Medical Conditions Generally Aggravated by Exposure:

Persons with pre-existing skin disorders, eye problems or impaired liver, kidney and respiratory functions.

Emergency and First Aid Procedures

See Section IX

Section VII - Precautions for Safe Handling and Use**Steps to Be Taken in Case Material is Released or Spilled**

Stop spill at source. Dike area of spill with soil (sand, clay) to prevent spreading. Neutralize the spill with calcium chloride solution. Shovel the neutralized spillage into a salvage container.

Waste Disposal Method

Dispose of in accordance with all local, state and federal regulations.

Precautions to Be Taken in Handling and Storing

Store in a dry cool area below. Avoid breathing vapors. Protect skin and eyes.

Other Precautions

Wash thoroughly after handling this product.

Section VIII - Control Measures**Respiratory Protection (Specify Type)**

None unless exposure limits are exceeded; then, use NIOSH / MSHA air supplied device.

Ventilation	Local Exhaust	Special
	Acceptable	None
	Mechanical(General)	Other:
	N / A	None
Protective Gloves	Rubber gloves	Eye Protection
		Chemical goggles and/or safety glasses

Other Protective Clothing or Equipment

To prevent skin contact, wear impervious clothing and boots.

Work/Hygienic Practices Always use caution when working with chemicals.

**Section IX – Routes and Effects of
Overexposure:**

SKIN:

Contact to unprotected skin may cause irritation, chemical burns and possible destruction of surrounding tissues. Product is corrosive to the skin.

EYES:

Can cause tearing, redness and severe irritation, which may result in impairment of vision. Product is considered corrosive to the eyes.

INGESTION:

Product is considered corrosive to the mouth and throat. Can cause abdominal pain, nausea, vomiting and severe discomfort.

INHALATION:

Inhalation of vapors can cause irritation, coughing and chest pain. Excessive inhalation of vapors may cause chemical pneumonitis.

Emergency and First Aid Procedures:

SKIN:

Immediately flush skin with large amounts of running water for 30 minutes. Remove contaminated clothing; wash clothing before reuse. Seek medical attention.

EYES:

Immediately flush eyes with large amounts of running water for at least 30 minutes, lifting upper and lower lids occasionally. Do not use zepheran chloride solution in eyes. Seek medical attention.

INGESTION:

DO NOT induce vomiting. 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.

INHALATION:

If affected by vapors, remove person to fresh air. If discomfort persists, seek medical attention.