

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) Purple Power Industrial Strength Cleaner/Degreaser		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		Emergency Telephone Number 1-800-922-1117; (864) 765-7359		
Address (Number, Street, City, State and Zip Code) P.O. Box 27147 Greenville, SC 29616		Telephone Number for Information (864)968-1250; 1-800-828-1860		
12 Shelter Drive, Greer, SC 29650		Date Prepared: August 30, 2011	Revision #: August 30, 2011	
Signature of Preparer (Optional)				
Section II – Hazardous Ingredients / Identity Information				
Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	OTHER LIMITS	%
	NFPA	HMIS		
TSCA Information: All ingredients of this product are listed on the TSCA inventory.				
Section III – Routes and Effects of Overexposure				
SKIN: Can cause moderate irritation. Prolonged or repeated contact can cause de-fating or dermatitis.				
EYES: Can cause severe irritation. Can cause redness or tearing.				
INGESTION: Harmful if swallowed. Can cause irritation to mouth, esophagus, and stomach.				
INHALATION: Spray mist is irritating to respiratory tract.				
Medical Conditions Generally Aggravated by Exposure: Pre-existing skin and respiratory problems.				
Section IV – Emergency and First Aid Procedures				
SKIN: Remove contaminated clothing. Thoroughly wash exposed area with soap and water for at least 15 minutes. Seek medical attention immediately.				
EYES: Remove contact lenses if present. Immediately flush eyes with large amounts of water for at least 15 minutes, lifting upper and lower eyelids periodically to insure complete flushing. Seek medical attention immediately.				
INGESTION: DO NOT induce vomiting. If conscious, dilute by giving 2-3 glasses of water. Seek medical attention immediately.				
INHALATION: Remove individual to fresh air. If breathing has stopped, give artificial respiration. Seek medical attention immediately.				
Section V – Fire-Fighting Measures				
EXTINGUISHING MEDIA: Water fog, alcohol foam, carbon dioxide or dry chemical.				
SPECIAL FIRE-FIGHTING MEDIA: Use water to keep fire-exposed containers cool until fire is out.				
UNUSUAL FIRE AND EXPLOSION HAZARDS: Never use a welding or cutting torch or other source of heat on or near chemical product containers.				
Section VI – Accidental Release Measures				
Steps to be Taken in Case Material is Released or Spilled: Stop spill at the source, dike area to prevent spreading. Remaining liquid may be taken up with sand, clay, floor absorbent, or other absorbent material and shoveled into salvage containers.				
Waste Disposal Method: Dispose of in accordance with all local, state and federal regulations.				
Other Precautions: Wear body-covering impervious protective clothing, chemical safety glasses with side shields and/or face shield, chemical resistant gloves and boots.				

Section VII – Handling and Storage			
Handling: General handling: avoid breathing vapor. Do not get in eyes, on skin or clothing. Do not swallow. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling. Keep away from reactive metals and acids. Gels and generates heat when mixed with acids. See Section VIII – Exposure Controls and Personal Protection.			
Storage: Do not store in aluminum, copper, or galvanized containers. Separate from acids, reactive metals, and ammonium salts.			
Other Precautions: Containers, even those that have been emptied, can contain product and vapors. Avoid contact with residual product.			
Section VIII – Exposure Controls and Personal Protection			
Respiratory Protection (Specify Type) To avoid breathing spray or vapors or when required, wear NIOSH/MSA approved respirator. Also use respirator if in a confined space without local or mechanical exhaust system.			
Ventilation: Use adequate ventilation to avoid mists and vapors.	Local Exhaust Acceptable		Special: None
	Mechanical (General) To reduce exposure limits		Other: None
Protective Gloves Neoprene, Nitrile Rubber, Polyethylene		Eye Protection Chemical safety glasses with side shields and/or face shield	
Other Protective Clothing or Equipment To prevent skin contact, wear body-covering, impervious clothing, chemical resistant gloves and boots.			
Work Hygienic Practices Always use caution when working with chemicals. Wash hands before eating, smoking or drinking.			
Section IX – Physical / Chemical Characteristics			
Boiling Point:	>212° F	Specific Gravity:	1.020
Vapor Pressure (mm Hg.):	Not Determined	Melting Point:	NA
Vapor Density (AIR=1):	Not Determined	Evaporation Rate (Butyl Acetate=1):	<1.0
Solubility in Water:	Complete	pH:	11.2
Appearance and Odor:	Purple liquid with characteristic odor.	LEL:	Not Determined
		UEL:	Not Determined
Flammable Limits:	Not Determined	Flash Point (Method Used):	>200° F (PMCC)
Section X – Reactivity Data			
Stability:	Unstable:		Conditions to Avoid: Mixing or blending with oxidizing or low pH solutions
	Stable:	X	
Incompatibility (Materials to Avoid): Avoid contact with reactive metals, strong mineral acids and organic acids.			
Hazardous Decomposition or Byproducts: Carbon dioxide, carbon monoxide, various hydrocarbons and can include aldehydes, ketones, organic acids and other organics.			
Hazardous Polymerization	May Occur		Conditions to Avoid: None
	Will Not Occur		
Section XI – Toxicological Information			
Acute health hazard – similar materials caused severe irritation to the eyes and moderate irritation to the skin.			
Section XII – Ecological Information			
Not Determined			
Section XIII – Transport Information, Including IMDG			
PROPER SHIPPING NAME: Not D.O.T. Regulated			
HAZARD CLASS: N/A			
ID NUMBER: N/A			
PACKING GROUP: N/A			
PLACARDING: N/A			
IATA: N/A			

Section XIV – Regulatory Information

TSCA Status: All components are listed on the Toxic Substance Control Act Chemical Substances Inventory

Section 311 Hazard Category - Acute

Section 313 Toxic Release Inventory Chemical: Glycol ethers, 1% max

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 Substances List and/or Pennsylvania Environmental hazardous Substance List:

This material contains the following components that appear on the PA list:

Component	CAS#	Amount
Ethylene glycol monobutyl ether	111-76-2	≤1%

New Jersey Right-to-Know Hazardous Substance List:

This material contains the following components that appear on the NJ list:

Component	CAS#	Amount
Ethylene glycol monobutyl ether	111-76-2	≤1%

Massachusetts Substance List:

This material contains the following components that appear on the MA list:

Component	CAS#	Amount
Ethylene glycol monobutyl ether	111-76-2	≤1%

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12 Shelter Drive, Greer, SC 29650		Date Prepared: November 15, 2007	Revision #: June 14, 2010	
		Signature of Preparer (Optional)		
Section II – Hazardous Ingredients / Identity Information				
Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	OTHER LIMITS	%
Sodium Metasilicate, CAS No. 6834-92-0	>2 ceiling limit	>2 ceiling limit		0.1 – 2
Sodium Hydroxide, CAS No. 1310-73-2	2	2		0.1 – 2
			NFPA	HMIS
			2-1-O	2-1-O-C
TSCA Information: All ingredients of this product are listed on the TSCA inventory.				
Section III – Routes and Effects of Overexposure				
SKIN: Corrosive. Can cause burns or irritation. Prolonged or repeated contact can cause defatting or dermatitis.				
EYES: Corrosive. Can cause burns or irritation. Severe irritant. Can cause redness or tearing.				
INGESTION: Corrosive. Harmful if swallowed. Can cause gastrointestinal irritation or burns to digestive tract.				
INHALATION: Harmful if inhaled. Excessive inhalation of mists or vapors can cause irritation of nasal and respiratory passages.				
Medical Conditions Generally Aggravated by Exposure: Pre-existing skin and respiratory problems.				
Section IV – Emergency and First Aid Procedures				
SKIN: Remove contaminated clothing. Thoroughly wash exposed area with soap and water for at least 15 minutes. Seek medical attention immediately.				
EYES: Remove contact lenses if present. Immediately flush eyes with large amounts of water for at least 15 minutes, lifting upper and lower eyelids periodically to insure complete flushing. Seek medical attention immediately.				
INGESTION: DO NOT induce vomiting. If conscious, dilute by giving 2-3 glasses of water. Seek medical attention immediately.				
INHALATION: Remove individual to fresh air. If breathing has stopped, give artificial respiration. Seek medical attention immediately.				
Section V – Fire-Fighting Measures				
EXTINGUISHING MEDIA: Water fog, alcohol foam, carbon dioxide or dry chemical.				
SPECIAL FIRE-FIGHTING MEDIA: Use water to keep fire-exposed containers cool until fire is out.				
UNUSUAL FIRE AND EXPLOSION HAZARDS: Never use a welding or cutting torch or other source of heat on or near chemical product containers.				
Section VI – Accidental Release Measures				
Steps to be Taken in Case Material is Released or Spilled: Stop spill at the source, dike area to prevent spreading. Remaining liquid may be taken up with sand, clay, floor absorbent, or other absorbent material and shoveled into salvage containers.				
Waste Disposal Method: Dispose of in accordance with all local, state and federal regulations.				
Other Precautions: Wear body-covering impervious protective clothing, chemical safety glasses with side shields and/or face shield, chemical resistant gloves and boots.				

Section VII – Handling and Storage			
Handling: General handling: avoid breathing vapor. Do not get in eyes, on skin or clothing. Do not swallow. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling. Keep away from aluminum metal. See Section VIII – Exposure Controls and Personal Protection.			
Storage: Do not store in aluminum, copper, or galvanized containers.			
Other Precautions: Containers, even those that have been emptied, can contain product and vapors. Avoid contact with residual product.			
Section VIII – Exposure Controls and Personal Protection			
Respiratory Protection (Specify Type) To avoid breathing spray or vapors or when required, wear NIOSH/MSA approved respirator. Also use respirator if in a confined space without local or mechanical exhaust system.			
Ventilation: Use adequate ventilation to avoid mists and vapors.	Local Exhaust Acceptable		Special: None
	Mechanical (General) To reduce exposure limits		Other: None
Protective Gloves Neoprene, Nitrile Rubber, Polyethylene		Eye Protection Chemical safety glasses with side shields and/or face shield	
Other Protective Clothing or Equipment To prevent skin contact, wear body-covering, impervious clothing, chemical resistant gloves and boots.			
Work Hygienic Practices Always use caution when working with chemicals. Wash hands before eating, smoking or drinking.			
Section IX – Physical / Chemical Characteristics			
Boiling Point:	>212° F	Specific Gravity:	1.020
Vapor Pressure (mm Hg.):	Not Determined	Melting Point:	NA
Vapor Density (AIR=1):	Not Determined	Evaporation Rate (Butyl Acetate=1):	<1.0
Solubility in Water:	Complete	pH:	12.5
Appearance and Odor:	Clear liquid with characteristic odor.	Flash Point (Method Used):	>200° F (PMCC)
Flammable Limits:	Not Determined	LEL: UEL:	Not Determined Not Determined
Section X – Reactivity Data			
Stability:	Unstable:		Conditions to Avoid: Mixing or blending with oxidizing or low pH solutions
	Stable:	X	
Incompatibility (Materials to Avoid): Avoid contact with reactive metals, strong mineral acids and organic acids.			
Hazardous Decomposition or Byproducts: Carbon dioxide, carbon monoxide, various hydrocarbons and can include aldehydes, ketones, organic acids and other organics.			
Hazardous Polymerization	May Occur		Conditions to Avoid: None
	Will Not Occur		
Section XI – Toxicological Information			
Acute health hazard – severe eye irritant. Will eventually burn skin and/or digestive tract.			
Section XII – Ecological Information			
Not Determined			

Section XIII – Transport Information, Including IMDG**PROPER SHIPPING NAME:** Corrosive Liquid N.O.S. (Sodium Hydroxide)**HAZARD CLASS:** 8, Corrosive**ID NUMBER:** UN 1760**PACKING GROUP:** II**PLACARDING:** CORROSIVE LIQUID**IATA:** Packaging not suitable to be shipped by air.**Section XIV – Regulatory Information**

TSCA Status: All components are listed on the Toxic Substance Control Act Chemical Substances Inventory

Section 311 Hazard Category - Acute

CERCLA Section 102(a) Sodium Hydroxide Reportable quantity for product is 48,500 pounds

Section 313 Toxic Release Inventory Chemical: Glycol ethers, 1% max

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 Substances List and/or Pennsylvania Environmental hazardous Substance List:

This material contains the following components that appear on the PA list:

Component	CAS#	Amount
Ethylene glycol monobutyl ether	111-76-2	≤1%

New Jersey Right-to-Know Hazardous Substance List:

This material contains the following components that appear on the NJ list:

Component	CAS#	Amount
Ethylene glycol monobutyl ether	111-76-2	≤1%
Sodium Hydroxide	1310-73-2	≤2%

Massachusetts Substance List:

This material contains the following components that appear on the MA list:

Component	CAS#	Amount
Ethylene glycol monobutyl ether	111-76-2	≤1%