

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) Mac's Non Ammoniated Glass Cleaner	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.
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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: March 13, 2001	Revision # 1 October 5, 2007
	Signature of Preparer (optional)	

Section II-Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	OTHER LIMITS	%
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TSCA Information:

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

NFPA	HMIS
0-0-0	0-0-0-A

Section III - Physical/Chemical Characteristics

Boiling Point	>212° F	Specific Gravity (H ₂ O - 1)	1.000
Vapor Pressure (mm Hg.)	N/A	Melting Point	32° F
Vapor Density (AIR=1)	N/A	Evaporation Rate (Butyl Acetate=1)	<1.0
Solubility in Water Complete		PH 7.0 - 8.0	
Appearance and Odor Clear liquid with a characteristic odor.			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) Not determined	Flammable Limits Not established	LEL Not determined	UEL Not Determined
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Extinguishing Media

Carbon dioxide, dry chemical, alcohol foam or water fog.

Special Fire Fighting Procedures

Firefighters should wear a self-contained breathing apparatus with full face piece operated in the positive pressure demand mode when fighting fires.

Unusual Fire and Explosion Hazards

Never use a welding or cutting torch or other source of heat on or near the product container because the product may ignite explosively.

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid High temperatures and/or mixing with oxidizing agents.
	Stable	X	

Incompatibility (Materials to Avoid)

None known

Hazardous Decomposition or Byproducts Nitrogen compounds, carbon monoxide and carbon dioxide.

Hazardous Polymerization	May Occur		Conditions to Avoid Excessive heat & oxidizing agents.
	Will Not Occur	X	

Section VI - Health Hazard Data

Routes of Entry:	Inhalation?	Eyes?	Skin?	Ingestion?
	Yes	Yes	Yes	Not likely to occur.

Health Hazards (Acute and Chronic) None known or established.

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

Signs and Symptoms of Exposure:

See Section IX (Overexposure)

Medical Conditions Generally Aggravated by Exposure:

Pre-existing skin and respiratory problems.

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. Remaining liquid may be pumped to a salvage container or taken up by an absorbent material and shoveled into salvage containers.

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 away from open flames and excessive heat.

Other Precautions:

Always use proper eye and skin protection when handling this product.

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

None, unless exposure limits are exceeded; then use NIOSH/MSA respirator for organic mist and vapor.

Ventilation	Local Exhaust Acceptable	Special None
	Mechanical (General) To reduce exposure limits	Other: None
Protective Gloves Neoprene	Eye Protection Splash goggles and/or safety glasses.	

Other Protective Clothing or Equipment

To prevent skin contact, wear impervious (rubber) apron and boots, if a splash hazard exists.

Work/Hygienic Practices Always wash hands after handling chemicals.

Section IX - Routes and Effects of Overexposure:

SKIN:

Prolonged or repeated contact to unprotected skin may cause moderate irritation, defatting and dermatitis of the skin.

EYES:

Can cause redness, tearing and irritation which may result in impairment of vision.

INGESTION:

Not likely to occur, but if it should, it can cause gastrointestinal irritation, nausea, vomiting, diarrhea and possible damage to the throat and esophagus.

INHALATION:

Excessive inhalation of vapors may cause irritation of nasal and respiratory passages, dizziness, weakness, fatigue, nausea and headache.

Emergency and First Aid Procedures:

SKIN:

Thoroughly wash exposed area with water for at least 15 minutes. Remove contaminated clothing. If irritation persists, seek medical attention. Always wash contaminated clothing before reuse.

EYES:

Immediately flush eyes with water for at least 15 minutes, lifting upper and lower lids occasionally. Seek medical attention if irritation persists.

INGESTION:

Not likely to occur, but if it should, DO NOT induce vomiting. Dilute by giving water. If irritation persists, seek medical attention.

INHALATION:

If breathing is hampered, remove individual to fresh air. If breathing has stopped, give artificial respiration. If problems persist, seek medical attention.