Safety Data Sheet

Issue Date: 20-Feb-2015 **Revision Date:** New **Version** 1

1. IDENTIFICATION

Product Identifier

Product Name MicroKleen AD72-930 HVAC/R Final Rinse

Other means of identification

SDS # ADSIL-026
UN/ID No UN1139

Recommended use of the chemical and restrictions on use

Recommended Use Use in conjunction with Microguard AD 35 Clear Coil Protective Treatment.

Details of the supplier of the safety data sheet

Supplier Address
Adsil, Inc.
1901 Mason Avenue, Suite #101
Daytona Beach, FL 32117

Emergency Telephone Number

Company Phone Number Phone: 800-549-2539
Fax: 386-274-1798
Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Colorless liquid **Physical State** Liquid **Odor** Faint

Classification

Acute toxicity - None	Category N/A
Specific target organ toxicity (single exposure) - None	Category N/A

Signal Word
None

Hazard Statements
None

Precautionary Statements - Prevention
If contact occurs, wash face, hands and exposed skin.
Wear eye protection.

Precautionary Statements - Response
IF ON SKIN (or hair): Rinse skin with water.
IF SWALLOWED: Rinse mouth.

Precautionary Statements - Storage
Keep from freezing.

Precautionary Statements - Disposal
Dispose of contents to local sewer.

Other Hazards
None

Unknown Acute Toxicity
None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Acetic Acid	64-19-7	2-5

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

First Aid Measures

Eye Contact Flush eyes with clean water if discomfort occurs.

Skin Contact Wash with soap and water.

Inhalation None.

Ingestion None.

Most important symptoms and effects

Symptoms May cause skin and eye irritation. Product is a low pH solution.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat as a mild acid irritant.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
None

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical
None

Hazardous Combustion Products None.

Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters
None.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Use personal protective equipment as required.

Methods and material for containment and cleaning up

Methods for Containment None.

Methods for Clean-Up None.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Take precautionary measures against static discharges.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep from freezing.

Incompatible Materials Alkalinity.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Acetic Acid 2-5%	N/A	N/A	N/A

Appropriate engineering controls

Engineering Controls None

Individual protection measures, such as personal protective equipment

Eye/Face Protection Chemical splash goggles.

Skin and Body Protection Wear gloves.

Respiratory Protection None.

General Hygiene Considerations Wash hands before breaks and after handling the product. Wash contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid		
Appearance	Colorless liquid	**Odor**	Faint
Color	Not determined	**Odor Threshold**	Not determined

Property	Values	Remarks • Method
pH	3.5 (+/-0.5)	
Melting Point/Freezing Point	N/A	
Boiling Point/Boiling Range	100°C / 212°F	
Flash Point	None	

Evaporation Rate	Not determined
Flammability (Solid, Gas)	Not Flammable
Upper Flammability Limits	Not determined
Lower Flammability Limit	Not determined
Vapor Pressure	Not determined
Vapor Density	Not determined
Specific Gravity	1.0
Water Solubility	Soluble in water
Solubility in other solvents	Not determined
Partition Coefficient	Not determined
Auto-ignition Temperature	Not determined
Decomposition Temperature	Not determined
Kinematic Viscosity	Not determined
Dynamic Viscosity	Not determined
Explosive Properties	Not determined
Oxidizing Properties	Not determined
VOC Content	26.8g/L

10. STABILITY AND REACTIVITY

Reactivity
Not reactive under normal conditions.

Chemical Stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
None.

Hazardous Polymerization Hazardous polymerization will not occur.

Conditions to Avoid
Keep out of reach of children.

Incompatible Materials
Alkalinity.

Hazardous Decomposition Products
None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact Avoid contact with eyes.

Skin Contact Avoid contact with skin.

Inhalation Avoid breathing vapors or mists.

Ingestion Harmful if swallowed.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Acetic Acid 2-5%	N/A	N/A	N/A

Information on physical, chemical and toxicological effects

Symptoms Please see section 4 of this SDS for symptoms.

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

Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

STOT - single exposure None.

Numerical measures of toxicity
Not determined

Unknown Acute Toxicity None.

12. ECOLOGICAL INFORMATION

Ecotoxicity
None.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Acetic Acid 2-5%	None.	None.	None.	None.

Persistence/Degradability
Not determined.

Bioaccumulation
Not determined.

Mobility

Chemical Name	Partition Coefficient
Acetic Acid 2-5%	None.

Other Adverse Effects
Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

US EPA Waste Number

Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Acetic Acid 2-5%	None.	None.	None.	None.

California Hazardous Waste Status

Chemical Name	California Hazardous Waste Status
Acetic Acid 2-5%	N/A

14. TRANSPORT INFORMATION

Note None.

DOT Not a regulated material.

IATA Not a regulated material.
IMDG Not a regulated material.

15. REGULATORY INFORMATION

International Inventories

TSCA	All ingredients are listed or exempt from listing on Chemical Substance Inventory
DSL	Listed

Legend:

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

DSL/NDSL *- 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*

US Federal Regulations

CERCLA

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Acetic Acid 2-5%	N/A	N/A	N/A

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

SARA 313

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Acetic Acid 2-5%	64-19-7	2-5%	N/A

US State Regulations

California Proposition 65

This product does not contain known to the state of California to cause cancer or reproductive effects.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Acetic Acid 2-5%	X	X	X

16. OTHER INFORMATION

NFPA	**Health Hazards**	**Flammability**	**Instability**	**Special Hazards**
	0	0	0	Not determined
HMIS	**Health Hazards**	**Flammability**	**Physical Hazards**	**Personal Protection**
	0	0	0	Not determined

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Disclaimer

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End of Safety Data Sheet