

# Safety Data Sheet

Issue Date: 20-Feb-2015

Revision Date: 16-Dec-2019

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** Not a regulated material

### 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  
Specific target organ toxicity (single exposure) - None

Category N/A  
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**

<b>Eye Contact</b>	Flush eyes with clean water if discomfort occurs.
<b>Skin Contact</b>	Wash with soap and water.
<b>Inhalation</b>	None.
<b>Ingestion</b>	None.

**Most important symptoms and effects**

<b>Symptoms</b>	May cause skin and eye irritation. Product is a low pH solution.
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**Indication of any immediate medical attention and special treatment needed**

<b>Notes to Physician</b>	Treat as a mild acid irritant.
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**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**  
Acetic Acid 2-5%

**ACGIH TLV**  
N/A

**OSHA PEL**  
N/A

**NIOSH IDLH**  
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**  
**Appearance**  
**Color**

Liquid  
Colorless liquid  
Not determined

**Odor**  
**Odor Threshold**

Faint  
Not determined

**Property**  
**pH**

**Values**  
3.5 (+/-0.5)

**Remarks • Method**

**Melting Point/Freezing Point**  
**Boiling Point/Boiling Range**  
**Flash Point**

N/A  
100°C / 212°F  
None

<b>Evaporation Rate</b>	Not determined
<b>Flammability (Solid, Gas)</b>	Not Flammable
<b>Upper Flammability Limits</b>	Not determined
<b>Lower Flammability Limit</b>	Not determined
<b>Vapor Pressure</b>	Not determined
<b>Vapor Density</b>	Not determined
<b>Specific Gravity</b>	1.0
<b>Water Solubility</b>	Soluble in water
<b>Solubility in other solvents</b>	Not determined
<b>Partition Coefficient</b>	Not determined
<b>Auto-ignition Temperature</b>	Not determined
<b>Decomposition Temperature</b>	Not determined
<b>Kinematic Viscosity</b>	Not determined
<b>Dynamic Viscosity</b>	Not determined
<b>Explosive Properties</b>	Not determined
<b>Oxidizing Properties</b>	Not determined
<b>VOC Content</b>	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**  
Acetic Acid 2-5%

**Oral LD50**  
N/A

**Dermal LD50**  
N/A

**Inhalation LC50**  
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

<b>Note</b>	None.
<b>DOT</b>	Not a regulated material.
<b>IATA</b>	Not a regulated material.
<b>IMDG</b>	Not a regulated material.

## 15. REGULATORY INFORMATION

### International Inventories

<b>TSCA</b>	All ingredients are listed or exempt from listing on Chemical Substance Inventory
<b>DSL</b>	Listed

#### **Legend:**

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

<b>Acute Health Hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	No
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	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
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<b><u>NFPA</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	0	0	0	Not determined
<b><u>HMIS</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical Hazards</b>	<b>Personal Protection</b>
	0	0	0	Not determined

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Revision Note:

**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.

**End of Safety Data Sheet**