

# SAFETY DATA SHEET

Issuing Date 09-Nov-2017

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Revision Number 1

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

**Product identifier**

**Product name** Purcool Pan Strips – Part #'s  
1903D, 61043, 2001D, 61042,  
2003D, 61041, 2009, 61040

**Other means of identification**

**Synonyms** None

**Recommended use of the chemical and restrictions on use**

**Recommended use** Air conditioner condensate drain pan treatment product

**Uses advised against** No information available

**Details of the supplier of the safety data sheet**

**Supplier name** ClenAir Mfg., Inc.  
**Supplier address** Box 346  
Fort Washington, PA 19034

**Supplier phone number** Phone: (888) 764-2110

**Supplier email** info@clenair.com

**Emergency telephone number**

**Company emergency phone Number** (800) 424-9300

**2. HAZARDS IDENTIFICATION**


**Classification**

Classification (GHS-US)

Acute toxicity - Oral	Category 4
Acute toxicity - Dermal	Category 4

**GHS label elements, including precautionary statements**

**Emergency overview**

<b>Signal word</b>	<b>Warning</b>	
<b>Hazard Statements</b> Harmful if swallowed; Harmful in contact with skin		
		
<b>Appearance</b> Yellow	<b>Physical state</b> Strips	<b>Odor</b> Product specific

**Precautionary Statements – Response**

Immediately call a doctor/physician  
Specific treatment (see supplemental first aid instructions on this label)

**Eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice/attention

**Skin**

IF ON SKIN (or hair): Rinse skin with water/shower

**Inhalation**

IF INHALED: Remove victim to fresh air

**Ingestion**

IF SWALLOWED: Immediately call a doctor/physician Rinse mouth  
Do NOT induce vomiting

**Precautionary statements - Storage**

None

**Precautionary statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

No information available

**Other information**

Toxic to aquatic life

**Interactions with other chemicals**

No information available

<b>3. COMPOSITION/INFORMATION ON INGREDIENTS</b>
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Chemical Name	CAS No	Weight-%	Trade Secret
Alkyl (C12-16) dimethylbenzylammonium chloride	68424-85-1	10 - 30	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret

<b>4. FIRST AID MEASURES</b>
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**First aid measures****Eye contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists

**Skin contact**

Wash with soap and water

**Inhalation**

Remove to fresh air

**Ingestion**

Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician

**Self-protection of the first aider**

Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid contact with skin, eyes or clothing. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Use personal protective equipment as required. Wear personal protective clothing (see section 8)

**Most important symptoms and effects, both acute and delayed**

**Most important symptoms and effects**      Burning sensation

**Indication of any immediate medical attention and special treatment needed**

**Notes to physician** Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated. Do not give chemical antidotes. Asphyxia from glottal edema may occur. Marked decrease in blood pressure may occur with moist rales, frothy sputum, and high pulse pressure

<b>5. FIRE-FIGHTING MEASURES</b>
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**Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

**Unsuitable extinguishing media**

CAUTION: Use of water spray when fighting fire may be inefficient

**Specific hazards arising from the chemical**

The product causes burns of eyes, skin and mucous membranes. Thermal decomposition can lead to release of irritating gases and vapors

Uniform Fire Code                      Irritant: Solid

**Hazardous combustion products**

Carbon oxides

**Explosion data**

Sensitivity to mechanical impact      No

Sensitivity to static discharge        No

**Protective equipment and precautions for firefighters**

As in any fires, firefighters should wear self-contained breathing apparatus and full firefighting turnout gear

<b>6. ACCIDENTAL RELEASE MEASURES</b>
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**Personal precautions, protective equipment and emergency procedures**

**Personal precautions**                      Avoid contact with skin, eyes or clothing. Use personal protective equipment as required

**Other information**                              Refer to protective measures listed in Sections 7 and 8

**Environmental precautions**

**Environmental precautions**                  Refer to protective measures listed in Sections 7 and 8

**Methods and material for containment and cleaning up**

**Methods for containment**                      Prevent further leakage or spillage if safe to do so

**Methods for cleaning up**                        Pick up and transfer to properly labeled containers

<b>7. HANDLING AND STORAGE</b>
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**Precautions for safe handling**

**Handling**                                          Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product.

**Conditions for safe storage, including any incompatibilities**

**Storage**                                              Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of reach of children

**Incompatible Products**                          None known based on information supplied

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**Exposure guidelines** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Alkyl (C12-16) dimethylbenzylammonium chloride 68424-85-1	-	-	-

*ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits Immediately Dangerous to Life or Health*

**Other exposure guidelines** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir. 1992) See section 15 for national exposure control parameters

**Appropriate engineering controls**

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** If splashes are likely to occur: Wear safety glasses with side shields (or goggles).  
None required for consumer use

**Skin and body protection** Wear protective gloves and protective clothing

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required

**Hygiene measures** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical and Chemical Properties**

**Physical state** Strips  
**Appearance** Yellow  
**Color** No information available  
**Odor** Product specific  
**Odor Threshold** No information available

<u>Property</u>	<u>Values</u>	<u>Remarks Method</u>
pH	6.8 – 7.2	None known
Melting / freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash Point	No data available	None known
Evaporation Rate	No data available	None known

<b>Flammability (solid, gas)</b>	No data available	None known
<b>Flammability limit in air</b>		
<b>Upper flammability limit</b>	No data available	
<b>Lower flammability limit</b>	No data available	
<b>Vapor pressure</b>	No data available	None known
<b>Vapor density</b>	No data available	None known
<b>Specific gravity</b>	1.12 g/cm <sup>3</sup> @ 25 °C	None known
<b>Water solubility</b>	Soluble in water	None known
<b>Solubility in other solvents</b>	No data available	None known
<b>Partition coefficient: n-octanol/water</b>	No data available	None known
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>	No data available	None known
<b>Kinematic viscosity</b>	No data available	None known
<b>Dynamic viscosity</b>	No data available	None known
<b>Explosive properties</b>	No data available	
<b>Oxidizing properties</b>	No data available	
<b><u>Other Information</u></b>		
<b>Softening Point</b>	No data available	
<b>VOC Content (%)</b>	No data available	
<b>Particle Size</b>	No data available	
<b>Particle Size Distribution</b>	No data available	

## 10. STABILITY AND REACTIVITY

### **Reactivity**

No data available

### **Chemical stability**

Stable under recommended storage conditions

### **Possibility of hazardous reactions**

None under normal processing

### **Hazardous polymerization**

Hazardous polymerization does not occur

### **Conditions to avoid**

Exposure to air or moisture over prolonged periods

### **Incompatible materials**

Strong oxidizing agents

### **Hazardous decomposition products**

Carbon oxides

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

<b>Inhalation</b>	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract
<b>Eye contact</b>	Specific test data for the substance or mixture is not available. Expected to be an irritant based on components. May cause redness, itching, and pain. Causes serious eye irritation
<b>Skin contact</b>	Specific test data for the substance or mixture is not available. May cause irritation. Prolonged contact may cause redness and irritation
<b>Ingestion</b>	Specific test data for the substance or mixture is not available. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea

#### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Alkyl (C12-16) dimethylbenzylammonium chloride 68424-85-1	-	-	-

### Information on toxicological effects

**Symptoms** May cause redness and tearing of the eyes

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

<b>Sensitization</b>	No information available.
<b>Mutagenic effects</b>	No information available.
<b>Carcinogenicity</b>	Contains no ingredient listed as a carcinogen.
<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Chronic toxicity</b>	No known effect based on information supplied. Chronic exposure to corrosive fumes/gases may cause erosion of the teeth followed by jaw necrosis. Bronchial irritation with chronic cough and frequent attacks of pneumonia are common. Gastrointestinal disturbances may also be seen
<b>Target organ effects</b>	Eyes. Skin. Respiratory system. Skin. Gastrointestinal tract (GI)
<b>Aspiration hazard</b>	No information available

### Numerical measures of toxicity product information

The following values are calculated based on chapter 3.1 of the GHS document

#### **ATEmix (oral)**

100.00 mg/kg

#### **ATEmix (dermal)**

300.00 mg/kg (ATE)



**US Federal regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 hazard categories**

<b>Acute health hazard</b>	Yes
<b>Chronic health hazard</b>	No
<b>Fire hazard</b>	No
<b>Sudden release of pressure hazard</b>	No
<b>Reactive hazard</b>	No

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US state regulations**

**California proposition 65**

This product does not contain any Proposition 65 chemicals

**U.S. state right-to-know regulations**

This product does not contain any substances regulated by state right-to-know regulations

**International regulations**

**Canada**

**WHMIS Hazard Class**

Not determined

<b>16. OTHER INFORMATION</b>				
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<b>NFPA</b>	<b>Health Hazards</b> 3	<b>Flammability</b> 0	<b>Instability</b> 0	<b>Physical and Chemical Hazards</b> -
<b>HMS</b>	<b>Health Hazards</b> 3	<b>Flammability</b> 0	<b>Physical Hazard</b> 0	<b>Personal Protection</b> None

<b>Prepared By</b>	ClenAir Mfg., Inc. Box 346 Fort Washington, PA 19034
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<b>Revision Note</b>	No information available

**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 a 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**