

SAFETY DATA SHEET

Issuing Date 20-Nov-2020

Revision Date 20-Nov-2020

Revision Number 2

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, 61047

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 Nu-Calgon
Supplier address 2611 Schuetz Road
 St. Louis, MO 63043 US

Supplier phone number 314-469-7000 / 800-554-5499

Emergency telephone number 1-800-424-9300 (CHEMTREC)

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

Signal word	Warning
Hazard Statements Harmful if swallowed; Harmful in contact with skin	
	
Appearance Yellow	Physical state Strips
Odor 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

3. COMPOSITION/INFORMATION ON INGREDIENTS

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

4. FIRST AID MEASURES

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

5. FIRE-FIGHTING MEASURES

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

6. ACCIDENTAL RELEASE MEASURES

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

7. HANDLING AND STORAGE

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

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

Inhalation Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract

Eye contact 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

Skin contact Specific test data for the substance or mixture is not available. May cause irritation. Prolonged contact may cause redness and irritation

Ingestion 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

Sensitization No information available.

Mutagenic effects No information available.

Carcinogenicity Contains no ingredient listed as a carcinogen.

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Chronic toxicity 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

Target organ effects Eyes. Skin. Respiratory system. Skin. Gastrointestinal tract (GI)

Aspiration hazard 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)

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic organisms

Persistence and Degradability

This product is not biodegradable

Bioaccumulation

No information available

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal methods

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements

Contaminated packaging

Dispose of contents/containers in accordance with local regulations

14. TRANSPORT INFORMATION

<u>DOT</u>	Not regulated
 Proper Shipping Name	Not regulated
 Hazard Class	N/A
<u>TDG</u>	Not regulated
<u>MEX</u>	Not regulated
<u>ICAO</u>	Not regulated
<u>IATA</u> ¹¹ _{SEP}	Not regulated ¹¹ _{SEP}
 Proper Shipping Name	Not regulated
 Hazard Class	N/A
<u>IMDG/IMO</u>	Not regulated
 Hazard Class	N/A
<u>RID</u>	Not regulated
<u>ADR</u>	Not regulated
<u>ADN</u>	Not regulated

15. REGULATORY INFORMATION

International inventories

TSCA All components are listed on TSCA

DSL All components are listed either on the DSL or NDSL.

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

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

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

Acute health hazard	Yes
Chronic health hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive hazard	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

16. OTHER INFORMATION				
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NFPA	Health Hazards 3	Flammability 0	Instability 0	Physical and Chemical Hazards -
HMIS	Health Hazards 3	Flammability 0	Physical Hazard 0	Personal Protection None

Prepared By	ClenAir Mfg., Inc. Box 346 Fort Washington, PA 19034
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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