

# GHS Safety Data Sheet – UN GHS

According to Regulation ST/SG/AC.10/30/Rev.7 UN GHS

**SECTION 1  
IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/ UNDERTAKING**

**GHS Product identifier**

**Product name** PurCool Pan Strips  
**Other means of identification** 61040, 61041, 61042, 61043, 61047

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

**Recommended use** Air conditioner condensate drain pan treatment.  
**Uses advised against** Use of the product for any purpose other than the “Recommended Use” is prohibited.

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

**Name** Nu-Calgon  
**Address** 2611 Schuetz Road  
 St. Louis, MO 63043 US  
**Telephone** 314-469-7000 / 800-544-5499  
**Email** info@nucalgon.com  
**Emergency telephone number** 1-800-424-9300 (CHEMTREC)

**SECTION 2  
HAZARDS IDENTIFICATION**

**Classification**

**GHS classification in accordance with: UN GHS revision 7**

Acute toxicity - Oral Category 4  
 Acute toxicity - Dermal Category 5



**Signal word** Warning

**General hazard statement** Harmful if swallowed. May be harmful in contact with skin

<b>Appearance</b> Yellow	<b>Physical state</b> Strips	<b>Odor</b> Product specific
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**Precautionary Statements** Immediately call a doctor/physician  
 Specific treatment (see supplemental first aid instructions on this label)

**SECTION 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

**SECTION 4  
FIRST-AID MEASURES**

**Inhalation**

Not applicable

**Skin contact**

Brush off particles and cool skin. Wash skin with water.

**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

**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. Use barrier to give mouth-to-mouth resuscitation. Use personal protective equipment as required.

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

Burning sensation

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

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.

**SECTION 5  
FIRE-FIGHTING MEASURES**

**Suitable extinguishing media**

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

**Unsuitable extinguishing media**

Not Applicable

**Specific hazards arising from the substance or mixture**

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

**Hazardous combustion products**

Carbon oxides

**Special protective actions for fire-fighters**

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

**SECTION 6  
ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**  
Not Applicable

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

**Methods and materials for containment and cleaning up**  
Refer to protective measures listed in Sections 7 and 8

**SECTION 7  
HANDLING AND STORAGE**

**Precautions for safe 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 incompatibility**  
Store in a closed container. Protect from sunlight and avoid high temperatures. Do not place in contact with oxidizing agents.

**SECTION 8  
EXPOSURE CONTROLS**

**Control parameters**  
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.

**Derived No Effect Level (DNEL)**  
No data available.

**Predicted No Effect Concentration (PNEC)**  
No Data Available. Also see Section 16.

**Appropriate engineering controls**  
Not Applicable.

**Environmental exposure controls**  
In the Recommended Use, use as directed.

**Individual protection measures, such as personal protective equipment (PPE)**

**Eye/face protection**  
No protective equipment is needed under normal use conditions.

**Skin/body protection**  
No protective equipment is needed under normal use conditions.

**Respiratory protection**  
No protective equipment is needed under normal use conditions.

**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

<b>SECTION 9</b> <b>PHYSICAL AND CHEMICAL PROPERTIES</b>
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**Basic physical and chemical properties**

<b>Physical state</b>	Solid
<b>Appearance</b>	Tablets and strips
<b>Color</b>	Yellow
<b>Odor</b>	Product specific
<b>Odor threshold</b>	No data available
<b>Melting point / freezing point</b>	No data available
<b>Boiling point / boiling range</b>	No data available
<b>Flash point</b>	No data available
<b>Evaporation rate</b>	No data available
<b>Flammability (solid/gas)</b>	No data available
<b>Explosive properties (ST class)</b>	Not applicable
<b>Lower and upper flammability limit</b>	No data available
<b>Vapor pressure</b>	No data available
<b>Vapor density</b>	No data available
<b>Relative density</b>	1.12 g/cm <sup>3</sup> @ 25 °C
<b>Solubility</b>	Soluble in water
<b>Partition coefficient (n-octanol/water)</b>	No data available
<b>Explosive properties (ST class)</b>	No data available
<b>Auto-ignition temperature</b>	No data available
<b>Decomposition temperature</b>	No data available
<b>Oxidizing properties</b>	No data available
<b>pH</b>	6.8 – 7.2
<b>Viscosity</b>	Not applicable
<b>Partition coefficient n-octanol/water (log value)</b>	No data available
<b>Oxidizing Properties</b>	Not an oxidizing agent

**Other information**

<b>VOC content (%)</b>	No data available
<b>Particle size</b>	Not applicable
<b>Particle size distribution</b>	Not applicable

<b>SECTION 10</b> <b>STABILITY AND REACTIVITY</b>
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**Reactivity**

No known reaction with water.

**Chemical stability**

Stable under normal condition.

**Possibility of hazardous reactions**

None under normal processing.

**Hazardous polymerization**

Hazardous polymerization does not occur.

**Conditions to avoid**

Avoid contact with oxidizing agents and extreme temperatures.

**Incompatible materials**

Strong oxidizing agents.

**Hazardous decomposition products**

Carbon oxides.

<b>SECTION 11 TOXICOLOGICAL INFORMATION</b>
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**Information on toxicological effects****Acute toxicity**

Specific test data for this mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

**Skin corrosion/irritation**

Specific test data for this mixture is not available. May cause skin irritation.

**Serious eye damage/irritation**

Specific test data for this mixture is not available. May cause eye irritation.

**Respiratory or skin sensitisation**

No information available.

**Sensitization**

No information available.

**Mutagenic effects**

No information available.

**Carcinogenicity**

No information available.

**Reproductive toxicity**

No information available.

**STOT - single exposure**

No information available.

**STOT - repeated exposure**

No information available.

**Chronic toxicity**

No information available.

**Aspiration hazard**

No information available.

**ATEmix (oral)**

Not applicable.

**ATEmix (dermal)**

300.00 mg/kg (ATE)

<b>SECTION 12 ECOLOGICAL INFORMATION</b>
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**Ecotoxicity**

At the recommended usage level, this product is not expected to be toxic to zebra fish.

**Persistence and biodegradability**

This product is expected to be readily biodegradable.

**Bioaccumulative potential**

No data available.

**Mobility in soil**

No data available.

**Results of PBT and vPvB assessment**

Not applicable.

<b>SECTION 13 DISPOSAL CONSIDERATIONS</b>
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**Disposal methods****Product disposal**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). Dispose of in accordance with local regulations and environmental legislation.

**Other disposal recommendations**

Do not discharge this material into waterways, drains and sewers. The empty container may be disposed of in accordance with appropriate regulations. The containers are recyclable in some countries equipped to recycle Polypropylene.

<b>SECTION 14 TRANSPORT INFORMATION</b>
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<b>DOT - Proper shipping name</b>	Not regulated
<b>DOT - Hazard class</b>	Not applicable
<b>TDG</b>	Not regulated
<b>MEX</b>	Not regulated
<b>ICAO</b>	Not regulated
<b>IATA - Proper shipping name</b>	Not regulated
<b>IATA - Hazard class</b>	Not applicable
<b>IMDG/IMO - Hazard class</b>	Not regulated
<b>RID</b>	Not regulated
<b>ADR</b>	Not regulated
<b>IATA</b>	Not regulated

<b>SECTION 15 REGULATORY INFORMATION</b>
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**International inventories****TSCA (United States Toxic Substances Control Act Section 8(b) Inventory)**

All components are listed on TSCA.

**DSL/NDSL (Canadian Domestic Substances List/Non-Domestic Substances List)**

All components are listed on DSL or NDSL.

**US Federal regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals, which are subjected 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>	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

**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 components which are subjected to U.S. State right-to-know regulations.

**International regulations**

**Mexico national occupational exposure limits**

This product does not contain any components which exceeds Mexico national occupational exposure limits.

**SECTION 16  
OTHER INFORMATION**

**NFPA**

<b>Health hazard</b>	1
<b>Flammability</b>	0
<b>Instability</b>	0
<b>Physical and chemical hazard</b>	0

**HMIS**

<b>Health Hazards</b>	1
<b>Flammability</b>	0
<b>Physical hazards</b>	0
<b>Personal protection</b>	None

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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 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**