

# SAFETY DATA SHEET

Preparation Date 06-May-2015

Revision Date 06-May-2015

Revision Number 4

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

### Product Identifier

Product Name **PanPads (4295-34, 4295-36, 4296-24, 4296-45)**

### Other means of identification

Product Code PANPADS  
CAS Number MIXTURE  
Formula Not available  
Synonyms Not available

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

**Recommended Use** To control the growth of slime forming bacteria which is the major cause of drain blockages.

**Uses advised against** Repeated contact with food. Avoid prolonged contact with eyes, skin, and clothing.

### Details of the supplier of the safety data sheet

**Supplier Address** Nu-Calgon Wholesaler, Inc. 2008 Altom Ct., St. Louis, MO 63146

### Emergency Telephone Number(s)

ChemTrec: 1-800-424-9300 Outside of the United States: 1-703-527-3887

## 2. HAZARDS IDENTIFICATION

### Classification

Acute Toxicity - Oral	Category 4
Acute Toxicity - Dermal	Category 4
Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Skin Corrosion/Irritation	Category 1 Sub-category B
Serious eye damage/eye irritation	Category 1

### Label elements

#### Emergency Overview

#### Signal Word

**DANGER**

#### Hazard statements

Harmful if swallowed  
Harmful in contact with skin  
Harmful if inhaled  
Causes severe skin burns and eye damage



<b>Appearance</b> Light brown contents packaged in a plastic container	<b>Physical State</b> Solid	<b>Odor</b> Soapy
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**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
 Do not eat, drink or smoke when using this product  
 Wear protective gloves/protective clothing/eye protection/face protection  
 Use only outdoors or in a well-ventilated area  
 Do not breathe dust/fume/gas/mist/vapors/spray

**Precautionary Statements - Response**

Specific treatment (see supplemental first aid instructions on this label)  
 Immediately call a POISON CENTER or doctor/physician  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 Immediately call a POISON CENTER or doctor/physician  
 Call a POISON CENTER or doctor/physician if you feel unwell  
 Wash contaminated clothing before reuse  
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
 Call a POISON CENTER or doctor/physician if you feel unwell  
 Immediately call a POISON CENTER or doctor/physician  
 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell  
 Rinse mouth  
 Do not induce vomiting

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

None known

**Other Information**

95 % of the mixture consists of ingredient(s) of unknown toxicity

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Synonyms** Not available

**Formula** Not available

Chemical Name	CAS-No	Weight %	North American Hazard Indicator
Ethanol	64-17-5	5	1 1000 ppm TWA; 1900 mg/m <sup>3</sup> TWA 1000 ppm STEL
Alkyl(60%C14,30%C16,5%C12,5%C18)Dimethyl Benzyl Ammonium Chloride	68391-01-5	20	True
Alkyl(68%C12, 32%C14)Dimethyl Ethylbenzyl Ammonium Chloride	68956-79-6	20	True
Other Ingredients	N/A	55	False

**4. FIRST AID MEASURES**

**First Aid Measures**

<b>General Advice</b>	Show this safety data sheet to the doctor in attendance.
<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician or Poison Control Centre immediately.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Remove and wash contaminated clothing before re-use. Call a physician or Poison Control Centre immediately.
<b>Inhalation</b>	Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Call a physician or Poison Control Centre immediately.
<b>Ingestion</b>	Do not induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Centre immediately.
<b>Protection of First-aiders</b>	Use personal protective equipment. Avoid contact with skin, eyes and clothing.

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

**Main Symptoms** No information available.

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

**Notes to Physician** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

<b><u>Suitable Extinguishing Media</u></b>	Water spray. Carbon dioxide (CO <sub>2</sub> ). Dry chemical. Alcohol-resistant foam.
<b><u>Unsuitable Extinguishing Media</u></b>	No information available.
<b><u>Hazardous Combustion Products</u></b>	Thermal decomposition or combustion may produce hazardous gases and/or materials.
<b><u>Explosion Data</u></b>	Not available
<b>Sensitivity to mechanical impact</b>	Not available.
<b>Sensitivity to static discharge</b>	Not available.

**Specific Hazards Arising from the Chemical**

Keep product and empty container away from heat and sources of ignition.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

<b>Personal Precautions</b>	Evacuate personnel to safe areas. Ensure adequate ventilation. Use personal protective equipment. Avoid contact with skin, eyes and clothing. In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Environmental Precautions</b>	Local authorities should be advised if significant spillages cannot be contained. Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground

water system. Prevent product from entering drains. Should not be released into the environment. Refer to approved EPA Label. Approved only for use in drain pans of air conditioning systems and refrigeration systems.

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

**Methods for Cleaning up** Evacuate personnel to safe areas. Sweep up and shovel into suitable containers for disposal. Avoid dust formation. Clean contaminated surface thoroughly.

**7. HANDLING AND STORAGE**

**Precautions for Safe Handling**

**Handling** Ensure adequate ventilation. Use only in an area equipped with a safety shower. Ensure that eyewash stations and safety showers are close to the workstation location. Do not breathe vapours/dust. Avoid contact with skin, eyes and clothing. Avoid repeated exposure.

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

**Storage** Keep container tightly closed in a dry and well-ventilated place. Keep at temperatures between 10 and 48.88°C. Keep in properly labelled containers. Keep out of the reach of children.

**Incompatible Materials** Strong oxidizing agents.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethanol 64-17-5	1000 ppm STEL	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup> (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m <sup>3</sup>	3300 ppm IDLH (10% LEL)
Alkyl(60%C14,30%C16,5%C12,5%C18)Dimethyl Benzyl Ammonium Chloride 68391-01-5	-	-	-
Alkyl(68%C12, 32%C14)Dimethyl Ethylbenzyl Ammonium Chloride 68956-79-6	-	-	-
Other Ingredients N/A	-	-	-

**Appropriate engineering controls**

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

- Eye/face Protection** Tightly fitting safety goggles. Face-shield.
- Skin and body protection** Wear protective gloves and protective clothing. Chemical resistant apron.
- Respiratory Protection** In case of inadequate ventilation wear respiratory protection.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

**Appearance** Light brown contents packaged in a plastic container  
**Physical State** Solid  
**Odor** Soapy

<b>Odor Threshold</b>	No information available	
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>
pH	No data available	
Melting/freezing point	170 - 180 °F	Literary Reference
Boiling Point/Range	No information available	
Flash Point	No data available	No information available
Evaporation Rate		
Flammability (solid, gas)		
Flammability Limits in Air		
upper flammability limit	No information available	
lower flammability limit	Not available	
Vapor Pressure	No information available	
Vapor Density	Not available	
Specific Gravity	0.965 - 0.985	
Water Solubility	73 - 85%	
Solubility in other solvents	No information available	
Partition coefficient: n-octanol/water	Not available	
Autoignition temp (°C)	No data available	Estimated
Decomposition temperature	No data available	
Viscosity, kinematic	No information available	
Viscosity, dynamic	Not available	
Explosive Properties	No information available	
Oxidizing Properties	No information available	
<b>Other Information</b>		
Softening Point	No information available	
Molecular Weight	No information available	
VOC Content	No information available	
Density	No information available	
Bulk Density	No information available	

**10. STABILITY AND REACTIVITY**

<b>Reactivity</b>	Not applicable.	
<b>Chemical Stability</b>	Stable under recommended storage conditions	
<b>Conditions to Avoid</b>	Heat, flames and sparks.	
<b>Incompatible Materials</b>	Strong oxidizing agents.	
<b>Hazardous Decomposition Products</b>	Carbon monoxide. Carbon dioxide (CO <sub>2</sub> ). Nitrogen oxides (NO <sub>x</sub> ). Hydrogen chloride gas.	
<b>Possibility of Hazardous Reactions</b>	None under normal processing	

**11. TOXICOLOGICAL INFORMATION**

**Product Information**

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

ATEmix (oral)	754 mg/kg
ATEmix (dermal)	1200 mg/kg

**Information on likely routes of exposure**

<b>Eyes</b>	Severe eye irritation. Causes serious eye damage and possible burns to eyes. May cause irreversible eye damage. Avoid contact with eyes.
<b>Skin</b>	May be fatal if absorbed through skin. Contact causes severe skin irritation and possible

burns. Avoid contact with skin.

**Inhalation** May be fatal if inhaled. May cause irritation of the mucous membranes. May cause irritation of respiratory tract. Avoid breathing dust.

**Ingestion** May be fatal if swallowed. Nausea. Diarrhea. Do not ingest.

**Information on toxicological effects**

**Symptoms** No information available.

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

**Eye damage/irritation** No information available.

**Skin Corrosion/Irritation** No information available.

**Sensitization** No information available.

**Reproductive Effects** No information available.

**Mutagenic Effects** No information available.

**Developmental Effects** California Proposition 65 - Developmental Toxicity. [Ethyl alcohol in alcoholic beverages].

**Teratogenic Effects** May cause harm to the unborn child. [Ethanol, Cas# 64-17-5 by the state of Massachusetts]. [Ethyl alcohol in alcoholic beverages].

**STOT - single exposure** No information available.

**STOT - Repeated Exposure** No information available.

**Chronic Toxicity** Avoid repeated exposure. Possible carcinogen. [Ethanol]. California Proposition 65 Developmental Toxicity. May cause harm to the unborn child. [Ethyl alcohol in alcoholic beverages].

**Aspiration Hazard** No information available.

**Numerical measures of toxicity - Product Information**

**Acute Toxicity** 95 % of the mixture consists of ingredient(s) of unknown toxicity

**ATEmix (inhalation-gas)** 2800 mg/L

**ATEmix (inhalation-dust/mist)** 2 mg/L

**ATEmix (inhalation-vapor)** 12 mg/L

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Chemical Name	Freshwater Algae Data	Freshwater Fish Species Data	Microtox Data	Water Flea Data
Ethanol 64-17-5		12.0 - 16.0: 96 h Oncorhynchus mykiss mL/L LC50 static 13400 - 15100: 96 h Pimephales promelas	= 34634 mg/L EC50 Photobacterium phosphoreum 30 min = 35470 mg/L EC50	9268 - 14221 mg/L LC50 = 2 mg/L EC50 9268 - 14221: 48 h Daphnia magna mg/L LC50 2: 48 h

		mg/L LC50 flow-through 100: 96 h Pimephales promelas mg/L LC50 static	Photobacterium phosphoreum 5 min	Daphnia magna mg/L EC50 Static
Alkyl(60%C14,30%C16,5%C12,5%C18)Dimethyl Benzyl Ammonium Chloride 68391-01-5		0.223 - 0.46: 96 h Lepomis macrochirus mg/L LC50 static 0.823 - 1.61: 96 h Oncorhynchus mykiss mg/L LC50 static 1.3: 96 h Poecilia reticulata mg/L LC50 semi-static 2.4: 96 h Oryzias latipes mg/L LC50 semi-static		

**Persistence / Degradability** No information available.

**Bioaccumulation / Accumulation** No information available.

**Mobility in Soil** No information available.

Chemical Name	log Pow =
Ethanol 64-17-5	-0.32

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Waste Disposal Method** Contact waste disposal services. Dispose of in accordance with local regulations.

**Contaminated Packaging** Dispose of in accordance with local regulations. Empty containers should be taken for local recycling, recovery or waste disposal.

**14. TRANSPORT INFORMATION**

- DOT** Not regulated
- TDG** Not regulated
- MEX** Not regulated
- ICAO** Not regulated
- IATA** Not regulated
- IMDG/IMO** Not regulated
- RID** Not regulated
- ADR** Not regulated
- ADN** Not regulated

**15. REGULATORY INFORMATION**

*International Inventories*

- U.S.A. (TSCA)** Does not Comply
- Canada (DSL)** Does not Comply
- EU (EINECS)** Does not Comply

**EU (ELINCS)** Does not Comply  
**Japan (ENCS)** Does not Comply  
**China** Does not Comply  
**Korea (KECL)** Does not Comply  
**Philippines (PICCS)** Does not Comply  
**Australia (AICS)** Does not Comply

Chemical Name	U.S.A. (TSCA)	Canada (DSL)	EU (EINECS)	EU (ELINCS)
Ethanol	Present	Present	Present	-
Alkyl(60%C14,30%C16,5%C12,5%C18)Dimethyl Benzyl Ammonium Chloride	Present	Present	Present	-
Alkyl(68%C12, 32%C14)Dimethyl Ethylbenzyl Ammonium Chloride	Present	Present	Present	-
Other Ingredients	-	-	-	-

Component	Japan (ENCS)	China	Korea (KECL)	Philippines (PICCS)	Australia (AICS)
Ethanol 64-17-5 ( 5 )	Present (2)-202	Present	Present	Present	Present
Alkyl(60%C14,30%C16,5%C12,5%C18)Dimethyl Benzyl Ammonium Chloride 68391-01-5 ( 20 )	Present (3)-2694	Present	Present	Present	Present
Alkyl(68%C12, 32%C14)Dimethyl Ethylbenzyl Ammonium Chloride 68956-79-6 ( 20 )	-	Present	Present	Present	Present
Other Ingredients N/A ( 55 )	-	-	-	-	-

Chemical Name	Mexico INV	Taiwan INV
Ethanol 64-17-5	Present	-
Alkyl(60%C14,30%C16,5%C12,5%C18)Dimethyl Benzyl Ammonium Chloride 68391-01-5	Present	-
Alkyl(68%C12, 32%C14)Dimethyl Ethylbenzyl Ammonium Chloride 68956-79-6		-
Other Ingredients N/A		-

*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 subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazardous Categorization**

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



Chemical Name	CAS-No	VOCs
Ethanol	64-17-5	Present

**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

*State Regulations*

**California Proposition 65**

This product contains the following Proposition 65 chemicals:

Chemical Name	CAS-No	Category	Type
Ethanol	64-17-5	carcinogen, initial date 4/29/11 (in alcoholic beverages) carcinogen, initial date 7/1/88 (when associated with alcohol abuse) developmental toxicity, initial date 10/1/87 (in alcoholic beverages)	carcinogen, initial date 4/29/11 (in alcoholic beverages) carcinogen, initial date 7/1/88 (when associated with alcohol abuse)

**State Right-to-Know**

This product contains the following State Right-to-Know chemicals:

Chemical Name	New Jersey	Massachusetts	Illinois	Rhode Island	Pennsylvania
Ethanol 64-17-5	sn 0844	Teratogen	Present	Toxic; Flammable	Present

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** 33427-4-65516

*Canada*

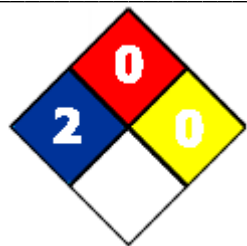
**WHMIS Statement**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**16. OTHER INFORMATION**

**NFPA**

Health 2                      Flammability 0                      Instability 0                      Physical Hazard 0                      HMIS



**Preparation Date** 06-May-2015

**Revision Date** 06-May-2015

**Revision Summary**

Not available

**Disclaimer**

The information provided on this MSDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

**End of MSDS**