

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



Appearance Light brown contents packaged in a plastic container	Physical State Solid	Odor 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 ³ 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

General Advice	Show this safety data sheet to the doctor in attendance.
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician or Poison Control Centre immediately.
Skin Contact	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.
Inhalation	Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Call a physician or Poison Control Centre immediately.
Ingestion	Do not induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Centre immediately.
Protection of First-aiders	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

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

Personal Precautions	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.
Environmental Precautions	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 ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m ³	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

Odor Threshold	No information available	
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
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	

Other Information

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

Reactivity	Not applicable.
Chemical Stability	Stable under recommended storage conditions
Conditions to Avoid	Heat, flames and sparks.
Incompatible Materials	Strong oxidizing agents.
Hazardous Decomposition Products	Carbon monoxide. Carbon dioxide (CO ₂). Nitrogen oxides (NO _x). Hydrogen chloride gas.
Possibility of Hazardous Reactions	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

Eyes	Severe eye irritation. Causes serious eye damage and possible burns to eyes. May cause irreversible eye damage. Avoid contact with eyes.
Skin	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**

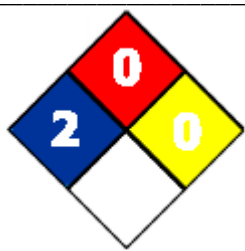
Health 2

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



MATERIAL SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<u>Company Name</u> Nu-Calgon Wholesaler, Inc.	<u>Phone Number</u> (314) 469-7000 / (800) 554-5499		<u>CHEMTREC</u> (800) 424-9300	
<u>Street Address</u> 2008 Altom Court	<u>City</u> St. Louis	<u>State</u> MO	<u>Postal Code</u> 63146-4151	<u>Last Update</u> 5/1/07
<u>Product Name</u> Pan Pads Condensate Treatment	<u>Product Number</u> 4295-4296	<u>Product Use</u> Condensate Drain Pan Treatment		<u>EPA Registration #</u> 33427-4-65516

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	% Bv Wt.	CAS Number	TLV	PEL
Ethanol	5 - 10	64-17-5		
Alkyl(60%C14,30%C16,5%C12,5%C18)Dimethyl Benzyl Ammonium Chloride	10 - 30	68391-01-5		
Alkyl(68%C12, 32%C14)Dimethyl Ethylbenzyl Ammonium Chloride Ethanol	10 - 30	68956-79-6		

SECTION 3 – HAZARD IDENTIFICATION

Emergency Overview: May be harmful by inhalation, ingestion, skin adsorption. Severe eye irritation. Severe skin irritation. Toxic to aquatic organisms. Avoid release to the environment. Appearance Light brown contents packaged in a plastic container. Physical State Solid. Odor Soapy.

Potential Health Effects

Eyes: Severe eye irritation. Avoid contact with eyes.

Skin: Severe skin irritation. Avoid contact with skin.

Ingestion: May be harmful if swallowed. Nausea. Diarrhea.

Inhalation: May cause irritation of the mucous membranes. May cause irritation of respiratory tract.

Chronic Exposure: Avoid repeated exposure.

Carcinogenicity: There are no known carcinogenic chemicals in this product

Medical Conditions Aggravated by Exposure: N/A

SECTION 4 – FIRST AID MEASURES

Eyes: Show this safety data sheet to the doctor in attendance. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician or Poison Control Centre immediately.

Skin: Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Call a physician or Poison Control Centre immediately.

Ingestion: Do not induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Centre immediately.

Inhalation: Move to fresh air. If breathing is difficult, give oxygen. Call a physician or Poison Control Centre immediately. Notes to Physician: Treat symptomatically. Protection of First-aiders: Use personal protective equipment. Avoid contact with skin, eyes and clothing.

SECTION 5 – FIREFIGHTING MEASURES

Flash Point: N/A°F

Autoignition Temp: N/A°C/N/A°F

Hazardous Products of Combustion: Keep product and empty container away from heat and sources of ignition.

Flammable Limits in Air: N/A

Extinguishing Media: Water spray. Carbon dioxide (CO₂). Dry powder. Foam.

Fire and Explosion Hazards: N/A

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

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spill or Leak: Personal Precautions: Use personal protective equipment. Avoid contact with skin, eyes and clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Environmental Precautions: Local authorities should be advised if significant spillages cannot be contained. Do not allow material to contaminate ground water system. Do not flush into surface water or sanitary sewer system. Should not be released into the environment. Prevent product from entering drains. Methods for Cleaning up Sweep up and shovel into suitable containers for disposal. Avoid dust formation. Clean contaminated surface thoroughly.

SECTION 7 – HANDLING AND STORAGE

Handling Procedures and Equipment: Use only in an area equipped with a safety shower. Ensure adequate ventilation. Do not breathe vapours/dust. Avoid contact with skin, eyes and clothing.

Storage Requirements: Keep containers tightly closed in a dry, cool 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.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: In case of insufficient ventilation wear suitable respiratory equipment.

Eye Protection: Tightly fitting safety goggles.

Protective Clothing: Protective gloves.

Exposure Guidelines: Chemical Name Ethanol ; ACGIH TLV TWA: 1000 ppm ; OSHA PEL TWA: 1000 ppm TWA: 1900 mg/m³ ; Ontario TWA EV TWA: 1000 ppm TWA: 1900 mg/m³ ; Mexico TWA: 1000 ppm TWA: 1900 mg/m³ / NIOSH IDLH 3300 ppm.
IDLH: Immediately Dangerous to Life or Health. General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

Specific Engineering Controls (such as ventilation, enclosed process): Ensure adequate ventilation, especially in confined areas.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Solid	Freezing Point: N/A°C/N/A°F	% Volatile by Weight: N/A%
Color: Light brown contents packaged in a plastic container	Vapor Density [air =1]: N/A	Evaporation Rate: N/A
Odor: Soapy	Vapor Pressure: N/A	Specific Gravity: 0.965 - 0.985
Boiling Point: N/A°C/N/A°F	Solubility in Water: 73 - 85%	pH (concentrate): N/A

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions

Hazardous Polymerization: None under normal processing

Incompatibilities: Strong oxidizing agents.

Reactive Conditions to avoid: Heat, flames and sparks

Decomposition Products: Carbon monoxide, Carbon dioxide (CO₂), Nitrogen oxides (NO_x), Hydrogen chloride gas.

SECTION 11 – TOXICOLOGICAL INFORMATION

Hazardous Ingredients	CAS #	EINECS #	LD 50 of Ingredient (Specify Species)	LC50 of Ingredient (Specify Species)
Ethanol	No Data.	No Data.	=1501 mg/kg Rat	=124.7 mg/L Rat 4 h
To the best of our knowledge, the complete toxicological properties have not been thoroughly investigated.				
Teratogenic Effects May cause harm to the unborn child. [Ethanol, Cas# 64-17-5 by the state of Massachusetts].				
Developmental Effects California Proposition 65 - Developmental Toxicity. [Ethyl alcohol in alcoholic beverages]				

SECTION 12 – ECOLOGICAL INFORMATION

Hazardous Ingredients	Aquatic Toxicity Data
Toxic to aquatic organisms. Avoid release to the environment.	log Pow = -0.32
Ethanol	Microtox Data: Photobacterium phosphoreum EC50=34634 mg/L (30 min) Photobacterium phosphoreum EC50=35470 mg/L (5 min) Water Flea Data: Daphnia magna EC50=10800 mg/L (24 h) Daphnia magna EC50=9268 mg/L (48 h)

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal: Contact waste disposal services. Dispose of in accordance with local regulations. Empty containers should be taken for local recycling, recovery or waste disposal.

SECTION 14 – TRANSPORTATION INFORMATION

Special Shipping Information: Not Regulated.

<u>Purview</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT (Land)	Not Regulated.			
IMO (Water)	Not Regulated.			
ICAO (Air)	Not Regulated.			

SECTION 15 – REGULATORY INFORMATION

WHMIS Classification: (Workplace Hazardous Material Information System)	Not Regulated by WHMIS.
SARA Title III: (Superfund Amendments & Reauthorization Act)	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.
OSHA: (Occupational Safety & Health Administration)	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
TSCA: (Toxic Substance Control Act)	Does not Comply
VOC: (volatile Organic Compounds)	Listed.
CPR: (Canadian Controlled Products Regulations)	This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations.
EINECS: (European Inventory of Existing Commercial Chemical Substances)	Does not Comply
DSL / NDSL: (Canadian Domestic Substance List)(Non-Domestic Substance List)	Does not Comply
CERCLA: (Comprehensive Response Compensation & Liability Act)	No Data.
IDL: (Canadian Ingredient Disclosure List)	No Data.
NFPA (HMIS) Rating: (Hazardous Materials Identification System)	No Data.

SECTION 16 – OTHER INFORMATION

Melting Point/Range 170 - 180°F;
State Right-to-Know: Massachusetts, New Jersey, Pennsylvania, Rhode Island

The information contained herein is based on the data available to us and is believed to be correct. However, Nu-Calgon Wholesaler Inc. makes no warranty, expressed, or implied, regarding the accuracy of this data or the results to be obtained from the use thereof. Nu-Calgon Wholesaler Inc. assumes no liability for injury from the use of the product described herein.