



HMIS		MATERIAL SAFETY DATA SHEET				NFPA	
Health-1 Flammability-2 Reactivity-0 Pers. Protection-None		Health-1 Flammability-2 Reactivity-0 Special Hazard-N/A					
SECTION I: GENERAL INFORMATION							
Manufacturer's Name, Address, Phone:  NILODOR, INC. 10966 Industrial Parkway Bolivar, Ohio 44612 800-443-4321 330-874-1017 24 hr Emergency Spill Information: 800-255-3924 Chem-Tel, Inc.				Chemical Family: Aqueous solution of surfactants and fragrance materials Trade Name Synonym: Carpet Care Product Proper Shipping Name: (Air/Ship: Flammable liquid nos contains ethanol UN 1993) Hazard Class: (Air/Ship: Class 3 PG III) All materials appear on the EPA TSCA & CEPA DSL Lists. Primary Trade Name: <p style="text-align: center;">Neutro-Det "W-1"</p>			
SECTION II: INGREDIENTS							
* HAZARDOUS							
<i>Ingredients</i>		<i>%weight</i>		<i>T. L. V.</i>		<i>CAS #</i>	
Water		85-92		N/A		7732-18-5	
Nonionic Surfactant		2-6		Data Unavailable		84133-50-6	
* Ethyl Alcohol		2-6		1000 ppm, TWA8		64-17-5	
<i>Ingredients</i>		<i>%weight</i>		<i>T. L. V.</i>		<i>CAS #</i>	
Sodium Xylene Sulfonate		1-4		Data Unavailable		1300-72-7	
Fragrance		1-4		Data Unavailable		None	
SECTION III: PHYSICAL DATA							
Boiling Point : 180° F				Sp. Gravity (Water=1): 0.997			
Vapor Pressure: 1.06 mm Hg @20°C				Percent Volatiles by Weight: 5.75 %			
Vapor Density (Air=1): Undetermined				Evaporation Rate (___=1): Undetermined			
Water Solubility: Soluble				pH Range: 7.0-9.0			
Appearance & Odor: Clear liquid with a mild spicy scent							
SECTION IV: FIRE & EXPLOSION HAZARD DATA							
Flash Point : 130° F Closed Cup				Autoignition Temperature: Undetermined			
Flammability Limits: Undetermined				LEL: Undetermined		UEL: Undetermined	
Extinguishing Media: Carbon dioxide foam or dry chemical extinguisher							
Special Fire Fighting Procedures: None							
Unusual Fire & Explosion Procedures: None							
SECTION V: HEALTH HAZARD DATA							
OSHA Permissible Exposure Limit: Undetermined				ACGIH Threshold Limit Value: Undetermined			
Carcinogen-NTP Program: None Established				Carcinogen-IARC Program: None Established			
Primary Routes of Entry: Mouth and skin							
Medical Conditions Aggravated by Exposure: Allergies to aromatics							
Symptoms of Heavy Acute and/or Prolonged Exposure: Eye irritant can cause temporary skin irritation.							
Emergency First Aid: If allergic reaction, remove to fresh air. If in eyes, flush with copious amounts of water and consult a physician. If on skin, wash with soap and water & consult a physician if a problem occurs. If ingested, induce vomiting and consult a physician, prompt gastric lavage.							
SECTION VI: REACTIVITY DATA							
Stability: Stable				Conditions to Avoid: None Known			
Incompatibility: None Known				Materials to Avoid: Materials that are hazardous with water			
Hazardous Polymerization: Will not occur				Conditions to Avoid: None known			
Hazardous Decomposition: None known							
SECTION VII: ENVIRONMENTAL PROTECTION PROCEDURES							
Spill Response: Mop up with water, ventilate							
Waste Disposal Method: Dispose in accordance with local regulations							
SECTION VIII: SPECIAL PROTECTION INFORMATION							
Eye Protection: Protective goggles suggested				Skin Protection: Normally unnecessary			
Respiratory Protection: No anticipated requirement							
Ventilation Recommendation: Normal				Other Protection: None required			
SECTION IX: SPECIAL PRECAUTIONS							
Practices in Handling and Storage: Ambient room temperature storage in original container recommended							
Precautions for Repair and Maintenance of Contaminated Equipment: Wash with soap and water.							
Other Precautions: Keep out of reach of children. Use only as directed.							

While we believe that the data contained herein are factual and the opinions expressed are those of qualified experts regarding the results of tests conducted, the data are not to be taken as warranty or representation for which we assume legal responsibility. The information is offered solely for your consideration, investigation and verification. Any use of these data and information must be determined by the user to be in accordance with federal, state and local laws.

HMIS		MATERIAL SAFETY DATA SHEET				NFPA	
Health-1 Flammability-0 Reactivity-0 Pers. Protection-B		Health-1 Flammability-0 Reactivity-0		Special Hazard-N/A			
SECTION I: GENERAL INFORMATION							
Manufacturer's Name, Address, Phone: NILODOR, INC. 10966 Industrial Parkway Bolivar, Ohio 44612 800-443-4321 330-874-1017 24 hr Emergency Spill Information: 800-255-3924 Chem-Tel, Inc.				Chemical Family: Aqueous solution of surfactants and organic acids Trade Name Synonym: Carpet Care Product Proper Shipping Name: (Air/Ship: Corrosive Liquid NOS contains citric acid UN 1760) Hazard Class: (Air/Ship: Class 8 PG III) All materials appear on the EPA TSCA & CEPA DSL Lists. Primary Trade Name: <p style="text-align: center;">Tanno-Gen "W-3"</p>			
SECTION II: INGREDIENTS							
* HAZARDOUS							
<i>Ingredients</i>		<i>%weight</i>		<i>T. L. V.</i>		<i>CAS #</i>	
Water		80-90		N/A		7732-18-5	
Citric Acid		10-12		N/A		77-92-9	
Propylene Glycol		<1		N/A		57-55-6	
<i>Ingredients</i>		<i>%weight</i>		<i>T. L. V.</i>		<i>CAS #</i>	
* Oxalic Acid		<1		1 mg/CuM		144-62-7	
Nonionic Surfactant		<1		N/A		9036-19-5	
SECTION III: PHYSICAL DATA							
Boiling Point : 212° F				Sp. Gravity (Water=1): 1.012			
Vapor Pressure: Undetermined mm Hg @20°C				Percent Volatiles by Weight: <1 %			
Vapor Density (Air=1): Undetermined				Evaporation Rate (___=1): Undetermined			
Water Solubility: Soluble				pH Range: 1-3			
Appearance & Odor: Colorless solution with little if any odor							
SECTION IV: FIRE & EXPLOSION HAZARD DATA							
Flash Point : >200° F Closed Cup				Autoignition Temperature: Undetermined			
Flammability Limits: Non-Flammable				LEL: Undetermined		UEL: Undetermined	
Extinguishing Media: Carbon dioxide foam or dry chemical extinguisher							
Special Fire Fighting Procedures: None							
Unusual Fire & Explosion Procedures: None							
SECTION V: HEALTH HAZARD DATA							
OSHA Permissible Exposure Limit: Undetermined				ACGIH Threshold Limit Value: Undetermined			
Carcinogen-NTP Program: None Established				Carcinogen-IARC Program: None Established			
Primary Routes of Entry: Mouth and skin							
Medical Conditions Aggravated by Exposure: None known							
Symptoms of Heavy Acute and/or Prolonged Exposure:							
Eye irritant, can cause temporary skin irritation.							
Dizziness, nausea, possible loss of consciousness							
Emergency First Aid: If allergic reaction, remove to fresh air. If in eyes, flush with copious amounts of water and consult a physician. If on skin, wash with soap and water & consult a physician if a problem occurs. If ingested, induce vomiting and consult a physician.							
SECTION VI: REACTIVITY DATA							
Stability: Stable				Conditions to Avoid: None Known			
Incompatibility: None Known				Materials to Avoid: None Known			
Hazardous Polymerization: Will not occur				Conditions to Avoid: None known			
Hazardous Decomposition: None Known							
SECTION VII: ENVIRONMENTAL PROTECTION PROCEDURES							
Spill Response: Recover for use or absorb for disposal							
Waste Disposal Method: Dispose in accordance with Federal, State and local regulations							
SECTION VIII: SPECIAL PROTECTION INFORMATION							
Eye Protection: Goggles recommended				Skin Protection: Rubber gloves for prolonged contact			
Respiratory Protection: No special requirement				Other Protection: None required			
Ventilation Recommendation: Normal							
SECTION IX: SPECIAL PRECAUTIONS							
Practices in Handling and Storage: Room temperature; closed container							
Precautions for Repair and Maintenance of Contaminated Equipment: Wash with soap and water.							
Other Precautions: Keep out of reach of children. Use only as directed.							

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HMIS	MATERIAL SAFETY DATA SHEET				NFPA	
Health-1 Flammability-2 Reactivity-0 Pers. Protection-None		Health-1 Flammability-2 Reactivity-0 Special Hazard-N/A				
SECTION I: GENERAL INFORMATION						
	Manufacturer's Name, Address, Phone: NILODOR, INC. 10966 Industrial Parkway Bolivar, Ohio 44612 800-443-4321 330-874-1017 24 hr Emergency Spill Information: 800-255-3924 Chem-Tel, Inc.		Chemical Family: Aqueous surfactants, enzymes, bacteria, and frag. mixture Trade Name Synonym: Water Soluble Deodorizer Proper Shipping Name: None required as packaged Hazard Class: Combustible liquid All materials appear on the EPA TSCA & CEPA DSL Lists. Primary Trade Name: Certified Bacteria/Enzyme Digester			
	SECTION II: INGREDIENTS					
* HAZARDOUS						
Ingredients		%weight	T. L. V.	CAS #	Ingredients	
Water		90-96	N/A	7732-18-5	Fragrance	
Bacteria/Enzymes		3-6	Data Unavailable	None	Polystyrene	
Nonionic Surfactant		1-5	Data Unavailable	9036-19-5		
SECTION III: PHYSICAL DATA						
Boiling Point : 212° F			Sp. Gravity (Water=1): 1.000			
Vapor Pressure: 0.003 mm Hg @20°C			Percent Volatiles by Weight: 0.5 %			
Vapor Density (Air=1): Undetermined			Evaporation Rate (___=1): Undetermined			
Water Solubility: Soluble			pH Range: 7.0-8.5			
Appearance & Odor: Opaque white liquid with spicy aroma						
SECTION IV: FIRE & EXPLOSION HAZARD DATA						
Flash Point : 164° F Closed Cup			Autoignition Temperature: Undetermined			
Flammability Limits: Undetermined			LEL: Undetermined		UEL: Undetermined	
Extinguishing Media: Water						
Special Fire Fighting Procedures: None						
Unusual Fire & Explosion Procedures: None						
SECTION V: HEALTH HAZARD DATA						
OSHA Permissible Exposure Limit: Undetermined			ACGIH Threshold Limit Value: Undetermined			
Carcinogen-NTP Program: None Established			Carcinogen-IARC Program: None Established			
Primary Routes of Entry: Mouth and skin						
Medical Conditions Aggravated by Exposure: Allergies to aromatics						
Symptoms of Heavy Acute and/or Prolonged Exposure: Eye irritant can cause temporary skin irritation.						
Emergency First Aid: If allergic reaction, remove to fresh air. If in eyes, flush with copious amounts of water and consult a physician. If on skin, wash with soap and water & consult a physician if a problem occurs. If ingested, induce vomiting and consult a physician, prompt gastric lavage.						
SECTION VI: REACTIVITY DATA						
Stability: Stable			Conditions to Avoid: None Known			
Incompatibility: None Known			Materials to Avoid: Materials that are hazardous with water			
Hazardous Polymerization: Will not occur			Conditions to Avoid: None known			
Hazardous Decomposition: None known						
SECTION VII: ENVIRONMENTAL PROTECTION PROCEDURES						
Spill Response: Mop up with water, ventilate						
Waste Disposal Method: Dispose in accordance with local regulations						
SECTION VIII: SPECIAL PROTECTION INFORMATION						
Eye Protection: Protective goggles suggested			Skin Protection: Normally unnecessary			
Respiratory Protection: No anticipated requirement						
Ventilation Recommendation: Normal			Other Protection: None required			
SECTION IX: SPECIAL PRECAUTIONS						
Practices in Handling and Storage: Ambient room temperature storage in original container recommended						
Precautions for Repair and Maintenance of Contaminated Equipment: Wash with soap and water.						
Other Precautions: Keep out of reach of children. Use only as directed.						

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HMIS

MATERIAL SAFETY DATA SHEET

NFPA

Health-2 Flammability-4 Reactivity-2 Pers. Protection-B

Health-2 Flammability-4 Reactivity-2 Special Hazard-N/A

SECTION I: GENERAL INFORMATION



Manufacturer's Name, Address, Phone:

NILODOR, INC.

10966 Industrial Parkway

Bolivar, Ohio 44612

800-443-4321 330-874-1017

24 hr Emergency Spill Information:

800-255-3924 Chem-Tel, Inc.

Chemical Family: Aerosol containing organic solvents

Trade Name Synonym: Carpet Care Product

Proper Shipping Name: US Surface Transport: Consumer Commodity

Hazard Class: ORM-D

All materials appear on the EPA TSCA & CEPA DSL Lists.

Primary Trade Name:

Doctor Spot

* HAZARDOUS

SECTION II: INGREDIENTS

Ingredients	%weight	T. L. V.	CAS #	Ingredients	%weight	T. L. V.	CAS #
d-Limonene	45-50	N/A	5989-27-5				
* Alkane Mixture	40-45	100 ppm TWA8	64742-48-9				
* Propane-Butane Blend	8-12	800 ppm TWA8	68476-86-8				

SECTION III: PHYSICAL DATA

Boiling Point: N/A

Vapor Pressure: N/A mm Hg @20°C

Vapor Density (Air=1): Undetermined

Water Solubility: Insoluble

Appearance & Odor: Aerosol. Discharges liquid with citrus odor

Sp. Gravity (Water=1): N/A

Percent Volatiles by Weight: 100 %

Evaporation Rate (___=1): Undetermined

pH Range: N/A

SECTION IV: FIRE & EXPLOSION HAZARD DATA

Flash Point: -142° F Closed Cup

Flammability Limits: 1.8-9.5%

Extinguishing Media: Carbon dioxide or dry chemical. No water.

Special Fire Fighting Procedures: None

Unusual Fire & Explosion Procedures: None

Autoignition Temperature: Undetermined

LEL: Undetermined

UEL: Undetermined

SECTION V: HEALTH HAZARD DATA

OSHA Permissible Exposure Limit: Undetermined

Carcinogen-NTP Program: None Established

Primary Routes of Entry: Mouth, skin, respiratory system

Medical Conditions Aggravated by Exposure: Respiratory disorders

Symptoms of Heavy Acute and/or Prolonged Exposure:

Eye irritant, can cause temporary skin irritation.

ACGIH Threshold Limit Value: Undetermined

Carcinogen-IARC Program: None Established

Emergency First Aid: If allergic reaction, remove to fresh air. If in eyes, flush with copious amounts of water and consult a physician. If on skin, wash with soap and water & consult a physician if a problem occurs. If ingested, induce vomiting and consult a physician.

SECTION VI: REACTIVITY DATA

Stability: Stable

Incompatibility: None Known

Hazardous Polymerization: Will not occur

Hazardous Decomposition: None Known

Conditions to Avoid: None Known

Materials to Avoid: Strong oxidizing agents

Conditions to Avoid: None known

SECTION VII: ENVIRONMENTAL PROTECTION PROCEDURES

Spill Response: Absorb liquid for disposal

Waste Disposal Method: Dispose in accordance with Federal, State and local regulations

SECTION VIII: SPECIAL PROTECTION INFORMATION

Eye Protection: Goggles recommended

Respiratory Protection: No special requirement

Ventilation Recommendation: Normal

Skin Protection: Rubber gloves for prolonged contact

Other Protection: None required

SECTION IX: SPECIAL PRECAUTIONS

Practices in Handling and Storage: Room temperature; closed container

Precautions for Repair and Maintenance of Contaminated Equipment: Wash with soap and water.

Other Precautions: Keep out of reach of children. Use only as directed.

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