

**SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION**

<b>Manufacturer's Name:</b> Misco Products Corporation <b>Manufacturer's Address:</b> 1048 Stinson Drive Reading, PA 19605 <b>Manufacturer's Phone #:</b> (610) 926-4106	<b>Product Name:</b> Extraction Cleaner <b>Generic Name:</b> Carpet Extraction Cleaner <b>Chemical Family:</b> Solvent Detergent Blend <b>Formula:</b> Proprietary	<b>Supplier's Name:</b>  <b>Supplier's Address:</b>  <b>Supplier's Phone #:</b>
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**SECTION 2-INGREDIENT INFORMATION**

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Diethylene Glycol Butyl Ether	112-34-5	5 to 10			
Amphoteric Surfactant	88895-48-1	0 to 5			
Isopropyl Alcohol	67-63-0	0 to 5			
EDTA	64-02-8	0 to 5			
DuPont Zonyl® Fluorocarbon	NJTS Registry # 00850201001-5230P	0 to 5			
Perfume Oils	N/A	0 to 5			

**SECTION 3-PHYSICAL DATA**

<b>Boiling Point (°F):</b> 212° F.	<b>Specific Gravity:</b> 1.022
<b>Vapor Pressure:</b> 20mm Hg @ 68 F.	<b>Vapor Density (Air=1):</b> >1
<b>% Volatile:</b> 85+	<b>pH:</b> 9.0-10.0
<b>Solubility in Water:</b> Complete	<b>Evaporation Rate (Water=1):</b> <1
<b>Physical Description:</b> Thin liquid with pleasant odor.	
<b>VOC Contents:</b> 0.84%	

**SECTION 4-FIRE AND EXPLOSION HAZARD DATA**

<b>Flash Point (Method Used):</b> >200° F (TCC)	<b>Upper Explosion Limit:</b> N/A	<b>Lower Explosion Limit:</b> N/A
<b>Extinguishing Media:</b> Foam, CO <sub>2</sub> , Dry Chemical		
<b>Special Firefighting Procedures:</b> None		
<b>Unusual Fire and Explosion Hazards:</b> Drums heated by fire may explode.		

**SECTION 5-REACTIVITY DATA**

<b>Stability:</b> Stable	<b>Hazardous Polymerization:</b> None
<b>Hazards Decomposition Products:</b> Carbon Monoxides if burned	<b>Incompatibility (Materials to Avoid):</b> Strong acids, oxidizing agents

**SECTION 6-STORAGE AND HANDLING INFORMATION**

Eye irritant. Keep out of reach of children. For use by trained personnel only. Keep container closed during storage. For institutional and industrial use only. Avoid contact with eyes, skin and clothing. Wear protective gloves and eyewear when handling concentrate. Avoid breathing of vapors. Use in well-ventilated area.

**SECTION 7-HEALTH HAZARDS AND FIRST AID**

**Effects of Overexposure:**  
**Skin:** Slight skin irritant. May cause moderate reddening. Dermatitis from prolonged or repeated contact.  
**Eyes:** Eye irritant. Redness and tearing initially. Mists may damage eyes with prolonged contact.  
**Inhalation:** Vapors and mists may be irritating to mucous membranes in the nose, throat, and lungs.  
**Ingestion:** Irritating to the mouth and throat. May cause headache, nausea, abdominal pain, vomiting, and diarrhea.  
**First Aid Procedures:**  
**Skin:** Flush with water. Seek medical attention if irritation persists.  
**Eyes:** Flush with large quantities of water, holding eyelids open. Seek medical attention if irritation persists.  
**Inhalation:** Remove victim to fresh air. Seek medical attention if irritation persists.  
**Ingestion:** Do not induce vomiting. Drink large quantities of water. Seek medical attention immediately.

**SECTION 8-SPECIAL PROTECTION INFORMATION**

**Respiratory Protection:** Use in well-ventilated area.  
**Ventilation Requirements:** Provide ventilation to keep TLV of Section 2 ingredients below acceptable limit.  
**Protective Gloves:** Chemical resistant rubber or neoprene.  
**Eye Protection:** Safety glasses or chemical splash goggles.  
**Other Protective Equipment:** Eyewash station and fire extinguisher provided nearby when using. Protective footwear e.g. rubber boots when using.

**SECTION 9-SPILL OR LEAK PROCEDURES**

**Steps to be taken in Case Material is Released or Spilled:** Floors will become slippery. Avoid walking in product. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to sewer or open waterways.  
**Waste Disposal Method:** Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash. Consult local or state environmental officials for further information.. Consult local authorities for disposal in public sewer.

**SECTION 10-REGULATORY INFORMATION**

<b>SARA Title III - Section 311/312 -Hazard Categories:</b> No - Fire Hazard No - Sudden Release of Pressure Hazard No - Reactivity Hazard Yes - Immediate (acute) Health Hazard No - Delayed (chronic) Health Hazard	<b>Shipping Information:</b> FOR CONTAINERS > 1 Gallon : Cleaning Compound  FOR 1 GALLON CONTAINERS : Cleaning Compound  FOR CONTAINERS < 1 GALLON : Cleaning Compound	<b>HMIS Hazardous Materials Identification System</b>
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<b>Health</b>	<b>2</b>
<b>Flammability</b>	<b>0</b>
<b>Reactivity</b>	<b>0</b>
<b>Personal Protection</b>	<b>B</b>

**FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION:** CHEM-TEL, Inc. @ 800-255-3924 (24 hours, 7 days per week)

This product contains the following toxic chemical(s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

CAS#	Chemical Name	Percent by Weight
	None	

This product contains the following chemical(s) which have been established to be either a carcinogen or suspected carcinogen.

CAS#	Chemical Name	Percent by Weight
	None	

**SECTION 11-OTHER INFORMATION**

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damages or loss incurred from the improper handling and use of this product

## SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

<b>Manufacturer's Name:</b> Misco Products Corporation	<b>Product Name:</b> Sanitizer - Extraction/Bonnet Cleaner <b>Generic Name:</b> Sanitizing Extraction/Bonnet Cleaner <b>Chemical Family:</b> Quaternary Detergent Blend <b>Formula:</b> Proprietary	<b>Supplier's Name:</b>
<b>Manufacturer's Address:</b> 1048 Stinson Drive Reading, PA 19605		<b>Supplier's Address:</b>
<b>Manufacturer's Phone #:</b> (610) 926-4106		<b>Supplier's Phone #:</b>

## SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Dimethyl Benzyl Ammonium Chloride	68391-01-5	2.25			
Dimethyl Ethylbenzyl Ammonium Chloride	68956-79-6	2.25			
Nonionic Surfactant	9016-45-9	0 to 5			
Sodium Carbonate	497-19-8	0 to 5			
Tetrasodium EDTA	64-02-8	0 to 5			
Perfume Oil	N/A	0 to 5			

## SECTION 3-PHYSICAL DATA

<b>Boiling Point</b> (°F): 212 F.	<b>Specific Gravity:</b> 1.040
<b>Vapor Pressure:</b> 20mm Hg @ 68 F.	<b>Vapor Density (Air=1):</b> >1
<b>% Volatile:</b> 90+	<b>pH:</b> 11.5-12.0
<b>Solubility in Water:</b> Complete	<b>Evaporation Rate (Water=1):</b> <1
<b>Physical Description:</b> Thin clear liquid with pleasant odor.	

## SECTION 4-FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point (Method Used):</b> N/A
<b>Upper Explosion Limit:</b> N/A <b>Lower Explosion Limit:</b> N/A
<b>Extinguishing Media:</b> N/A
<b>Special Firefighting Procedures:</b> Non Flammable
<b>Unusual Fire and Explosion Hazards:</b> N/A

## SECTION 5-REACTIVITY DATA

<b>Stability:</b> Stable	<b>Hazardous Polymerization:</b> None
<b>Hazards Decomposition Products:</b> Will not occur.	<b>Incompatibility (Materials to Avoid):</b> None

## SECTION 6-STORAGE AND HANDLING INFORMATION

Keep out of reach of children. For use by trained personnel only. Keep container closed during storage. For institutional and industrial use only. Avoid contact with eyes, skin and clothing. Avoid breathing of mists. Use in well-ventilated area.

## SECTION 7-HEALTH HAZARDS AND FIRST AID

**Effects of Overexposure:**  
**Skin:** Skin irritant. Prolonged or repeated contact may cause dermatitis.  
**Eyes:** Severe eye irritant. Liquid and mists may injure the eyes causing corneal damage.  
**Inhalation:** Mists are irritating to throat, nose and lungs.  
**Ingestion:** Irritating to the mouth, throat, and gastrointestinal system. Burning, pain, and diarrhea expected with large doses.  
**First Aid Procedures:**  
**Skin:** Remove contaminated clothing. Flush affected areas with large quantities of water. Seek medical attention if irritation persists.  
**Eyes:** Flush with large quantities of water, holding eyelids open. Seek medical attention.  
**Inhalation:** Remove victim to fresh air and monitor. Seek medical attention if symptoms persist.  
**Ingestion:** Give large quantities of water. Seek medical attention immediately.

## SECTION 8-SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** No special requirements. Avoid breathing mists.  
**Ventilation Requirements:** Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limit.  
**Protective Gloves:** Latex, rubber, vinyl, or nitrile  
**Eye Protection:** Chemical goggles recommended when spraying diluted product.  
**Other Protective Equipment:** Eyewash station should be provided nearby.

## SECTION 9-SPILL OR LEAK PROCEDURES

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**Waste Disposal Method:** Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Consult local authorities for disposal in public sewer. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.

## SECTION 10-REGULATORY INFORMATION

<b>SARA Title III - Section 311/312 -Hazard Categories:</b>	<b>Shipping Information:</b>
No - Fire Hazard	FOR CONTAINERS > 1 Gallon : Cleaning Compound
No - Sudden Release of Pressure Hazard	
No - Reactivity Hazard	FOR 1 GALLON CONTAINERS : Cleaning Compound
Yes - Immediate (acute) Health Hazard	
No - Delayed (chronic) Health Hazard	FOR CONTAINERS < 1 GALLON : Cleaning Compound

## HMIS Hazardous Materials Identification System

<b>Health</b>	2
<b>Flammability</b>	0
<b>Reactivity</b>	0
<b>Personal Protection</b>	B

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