

Material Safety Data Sheet

HMIS®

HEALTH	2	REACTIVITY	0
FLAMMABILITY	1	PERSONAL PROTECTION	B

Identity: CLEAN AS A WHISTLE
Disinfectant/Deodorizing Wipes
Formula

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

SECTION 1: Company Identification

Sold By: Federal Floor Care Inc.	Emergency Telephone Number 1-800-448-5559
Address (Number, Street, City, State, and ZIP Code) PO Box 15084 St. Louis, MO. 63110	Fax Telephone Number 1-314-776-6810
	Telephone Number for Information 1-800-448-5559
	Signature of Preparer (Optional) Tec Service

SECTION 2: Ingredients/Identity Information

Components (Chemical Identity, Common Name(s))	CAS No.	OSHA PEL	ACGIH-TLV	Other Limits Recommended	% (Opt.)
Isopropyl Alcohol	67-63-0	400 ppm	400 ppm	500 (STEL)	1 - 5%
Glutaraldehyde	111-30-8	None Estab.	None Estab.	0.05 ppm (Ceiling)	< 1%
o-Phenylphenol	90-43-7	None Estab.	None Estab.		< 0.05%
p-Tertiary Amylphenol	80-46-6	None Estab.	None Estab.		< 0.005%

Any substance listed as hazardous by the States of California, Florida, Illinois, Michigan, New Jersey, Ohio, Pennsylvania or Texas is described above if known present in regulated concentrations.

SECTION 3: Hazards Identification

Route(s) of Entry	Eyes?		Inhalation?		Skin?		Ingestion?	
	Yes	No	Yes	No	Yes	No	Yes	No
Acute Health Hazards - Caution. May be irritating to eyes. Harmful if swallowed. May be harmful if inhaled. Repeated dermal contact may result in dermal sensitization in some individuals. Follow good chemical hygiene practices to avoid these hazards.								
Chronic Health Hazards - None known								
Carcinogenicity:								
Chemical: None	OSHA: No		NTP: No		IARC: No			
Signs and Symptoms of Exposure - Redness, tearing or burning in eyes. Redness, drying, yellowing or cracking skin.								
Medical Conditions Generally Aggravated by Exposure - Pre-existing skin disorders may be adversely affected. Follow good chemical hygiene practices to avoid this hazard.								

SECTION 4: Emergency and First Aid Procedures:

Eyes - If in eyes, immediately flush with water for at least 15 minutes. Get medical attention.
Ingestion - Unlikely exposure route, wet towelette.
Inhalation - Get to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration.
Skin - - If on skin, wash thoroughly with water. Wash contaminated clothing before reuse. Wash thoroughly after handling wipes.

SECTION 5: Fire Fighting Measures

Flash Point Concentrate (Method Used) None to boiling (PMCC)	Flammable Limits No Data	LEL No Data	UEL No Data
Extinguishing Media - Not usually necessary as this product does not readily support combustion. Use media appropriate for fire's fuel source.			
Special Fire Fighting Procedures - Keep containers cool and vapors down with water spray. Prevent runoff from entering sewers and public waterways. Wear SCBA in chemical fires.			
Hazardous Products of Combustion - Carbon dioxide, carbon monoxide, oxides of sulfur, smoke, soot and various organic oxidation by-products.			
Unusual Fire and Explosion Hazards - None known.			

SECTION 6: Accidental Release Measures

Small Spill - Wipe up small releases with a dry absorbent cloth or other absorbent material.

Large Spill – Absorb excess liquid with vermiculite, absorbent cloth, or other absorbent material. Prevent material from entering sewers or drains. Ventilate area and block traffic. Transfer contaminated material into suitable container for proper disposal.

SECTION 7: Handling and Storage

Handling - Do not get in eyes, on skin or on clothing. Avoid contamination of food. Avoid reuse of unwashed disinfectant-soaked gloves. Avoid prolonged inhalation. Wash thoroughly after handling wipes. Store indoors in a dry area.

Storage – Store indoors in a cool, dry, well ventilated area. Keep away from heat sources. Keep out of reach of children. Keep container tightly sealed when not in use. Follow label directions carefully. Do not contaminate water or feed by use or storage. Keep from freezing. Use from original container only. Do not store with fertilizers, seeds, insecticides or fungicides.

SECTION 8: Exposure Controls / Personal Protection

Eye Protection – Yes, goggles or approved safety glasses (ANSI Z87)

Skin Protection – Yes, if direct contact is possible use impervious gloves.

Respiratory Protections – Not usually necessary. Use with adequate ventilation. Use NIOSH/MSHA approved respirator if PELs or TLVs are exceeded.

Engineering Controls – Ventilation not usually necessary but should be provided in the event of overexposure.

SECTION 9: Physical and Chemical Properties

Appearance and Odor:	Clear colorless liquid with a floral scent saturated on a towel.
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PH	4.0 ± 0.5
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Specific Gravity (70°F)	0.999
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Boiling Point:	212° F
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Melting Point:	No Data
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Evaporation Rate (Butyl Acetate = 1)	No Data
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Vapor Pressure (mm-Hg @ 70°F)	No Data
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Vapor Density (AIR = 1)	> 1
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Solubility in Water	Complete
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Volatile Organic Compounds (VOCs)	18.2 grams per liter or 1.8 % by weight VOCs
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SECTION 10: Stability and Reactivity

Hazardous Polymerization – This product will not undergo hazardous polymerization.

Hazardous Decomposition or Byproducts – Carbon dioxide, carbon monoxide, hydrogen sulfide, sulfur dioxide, and soot.

Chemical Stability - Stable

Incompatibility (Materials to Avoid) - Strong oxidizers, acids and alkalies, ketones, nitric acid, sulfuric acid, halogens and halogenated compounds.

SECTION 11: Toxicological Information

No Data

SECTION 12: Ecological Information

No Data

SECTION 13: Disposal Consideration

Disposal Method - Dispose of in accordance with all applicable local, state, and federal regulations.

RCRA Waste Information – If this product becomes a waste, it would not be a hazardous waste as defined by RCRA (40 CFR 261). However the waste should be properly characterized to evaluate whether its composition has been modified prior to disposal.

SECTION 14: Transport Information

DOT Information – 49 CFR 172.101

Proper Shipping Description: Not Regulated

Hazard Class: None

Identification Number: None

Packing Group: None

Water Transportation:**Proper Shipping Description:** Not Regulated**Hazard Class:** None**Identification Number:** None**Packing Group:** None

Air Transportation:**Proper Shipping Description:** Not Regulated**Hazard Class:** None**Identification Number:** None**Packing Group:** None

Marine Pollutants: None

SECTION 15: Regulatory Information

US Federal Regulations:**EPA Product Registration Number**

55195-4-11694

TSCA (Toxic Substances Control Act) Status

All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

CERCLA RQ – 40 CFR 302.4 (a)

None Listed

SARA 313 Components – 40 CFR 372.65

o-Phenylphenol (CAS: 90-43-7) - 0.01375%

State and Local Regulations:**California Proposition 65****WARNING:** This product contains a chemical (o-Phenylphenol) and trace chemicals (Ethylene Oxide, Propylene Oxide) known to the State of California to cause cancer, and/or birth defects or other reproductive harm.

Section 16: Additional Information**Date Prepared:****Rev. 2 – 09/05/06****Rev. 1 - 03/27/06**

WARNING! The use of this product is beyond the control of the manufacturer; therefore, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The user must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials. The manufacturer warrants only that this product meets the manufacturer's specifications for such product. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, PRODUCTIVENESS, OR ANY OTHER MATTER, OF THIS PRODUCT. THE MANUFACTURER SHALL BE IN NO WAY RESPONSIBLE FOR THE IMPROPER USE OF THIS PRODUCT. The sole and exclusive remedy against the manufacturer for breach of warranty shall be reimbursement of the purchase price of the product in the event that a defective condition of the product shall be found to exist. NO OTHER REMEDY (INCLUDING BUT NOT LIMITED TO INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE.