

Material Safety Data Sheet

HMIS

Health Hazard	2
Fire Hazard	2
Reactivity	0
Personal Protection	B

NFPA



1. Chemical Product & Company Data

Product Name: Microban Clean Carpet Sanitizer		Revision Date: December 3, 2012
Manufactured for: ProRestore Products 1016 Greentree Rd., Suite 115 Pittsburgh, PA 15220 Telephone: 1-412-264-8340	Supplier:	
CHEMICAL EMERGENCY: INFOTRAC (US) 1-800-535-5053 (INT'L) 1-800-323-3500		

2. Ingredients

Name	CAS #	UN #	% by volume
o-Phenylphenol	090-43-7		prop.
o-Benzyl-p-Chorophenol	0120-32-1		prop.
p-Tertiary Amyl Phenol	80-46-6		prop.
Isopropanol	67-63-0		prop.
Sodium Xylenesulfonate	1300-72-7		prop.
1-methoxy-2-propanol	000107-98-2		prop.

3. Hazards Identification

Emergency Overview
Alkaline Liquid Mixture.
NOTE: Hazard information is based on the characteristics of the components of this mixture.
Ingestion - May cause irritation of mouth and stomach.
Inhalation - High vapor concentration may cause irritation.
Eye Contact - May cause irreversible eye damage.
Skin Contact - May irritate or burn skin.

4. First Aid

Ingestion - Call a poison control center immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
Inhalation - Remove to fresh air. If irritation develops or persists, seek medical attention.
Eye Contact - Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present, after the first 5 minutes, then continue rinsing, if required. Call a poison control center or doctor for treatment service.
Skin Contact - Remove contaminated clothing. Rinse skin for 15-20 minutes. If required, call a poison control center or doctor for treatment advice.

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5. Fire Fighting Measures

Flammability Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	If yes, under which conditions? Combustible liquid. Potential fire hazard when exposed to excessive heat, flame or other sources of ignition.	
Flashpoint: 127 °F (52.8 °C)	Upper flammable limit % by volume n. av.	Lower flammable limit % by volume n. av.
Autoignition temperature n. av.	Hazardous combustion products May liberate toxic fumes.	Explosion data n. av.
Means of extinction: Water, carbon dioxide, foam or water fog.		

6. Accidental Release Measures

Recontainerize by mopping, wet vacuum or suitable absorbent. Rinse remaining materials to drains. Be cautious of slippery floors.

7. Handling & Storage

Store between 40 °F (4.4 °C) and 100 °F (37.8 °C). Follow label instructions. It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

8. Exposure Controls & Personal Protection

Personal Protective Equipment		
Gloves Natural Rubber	Respirator Proper ventilation and/or NIOSH TC-23C organic vapor respirator where mists or vapors are generated.	Eye Goggles or full face respirator
Footwear Avoid skin exposure	Clothing None	Other n. ap.
Exposure Guidelines		
EFFECTS OF OVEREXPOSURE No information found for human exposure. Based upon available animal toxicity information for this and similar products, it is anticipated that direct contact with this material will produce severe skin or eye irritation. Upon prolonged contact, burns and possible irreversible damage may occur. Solvent vapors or mists of products can cause irritation of mucous membranes.		

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9. Physical and Chemical Properties

Physical state Liquid	Odor and appearance Orange Liquid Citrus Aroma	
Odor threshold (ppm) n. av.	Vapor pressure (mm Hg) To Water	Vapor density (Air=1) n. av.
Evaporation (butyl acetate = 1) n. av.	Boiling point n. av.	Freezing point n. av.
pH 10.9	Specific gravity 1.06	Coefficient water/oil distribution n. av.
Solubility in water Complete	Viscosity n. av.	% Volatiles (by weight) n. av.

10. Stability and Reactivity

Chemical Stability Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	If no, under which conditions?	
Incompatibility with other substances Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	If yes, under which conditions? Strong acids and oxidizers.	
Reactivity, and under what conditions?	Stable under normal conditions.	
Hazardous decomposition products?	Carbon oxides and phenol derivatives.	

11. Toxicological Information

Route of Entry Skin Contact <input checked="" type="checkbox"/> Skin Absorption <input checked="" type="checkbox"/> Eye Contact <input checked="" type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Ingestion <input checked="" type="checkbox"/>			
Oral LD50 (rat): between 500 and 5,000 mg/kg Dermal LD50 (rat): >5,000 mg/kg Inhalation LC50 (rat): >2.02 mg/L Eye Irritation: Corrosive Skin Irritation (rabbit): Corrosive Dermal Sensitization (guinea pig): Not a dermal sensitizer.			
Carcinogenicity No	Mutagenicity No	Teratogenicity No	Reproductive toxicity No
Synergistic products No	Sensitization No	Neurotoxicity No	Target organs Eyes and Skin

12. Ecological Information

Product is hazardous to aquatic life.

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13. Disposal Considerations

Dispose of in compliance with all Federal, state and local laws and regulations.

14. Transport Information

Ships non-regulated GROUND ONLY in quantities of 119 gallons or less. ORM-D AIR for air shipments

Shipping Name: FLAMMABLE LIQUIDS, N.O.S. (ISOPROPANOL)

Hazard Class: 3 PACKING GROUP III

UN Identification #: UN1993

15. Regulatory Information

This material safety data sheet has been prepared in accordance with the requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200) and the Hazardous Products Act (Can.) and the Controlled Products Regulations (Can.) This product has been classified in accordance with the hazard criteria of the CPR (Can.) and the MSDS contains all the information required by the CPR (Can.).

Federal Level Regulations: This is an EPA FIFRA registered pesticide (EPA Registration No. 70385-7). This material can only be used commercially in the EPA registered application(s) noted on the product label.

This product is classed as a **toxic and a skin and eye irritant** - 29 CFR 1910.1200 and Controlled Products Regulations (Can.)

WHMIS classification **B**

This product is not subject to the reporting requirement of Section 313 of Title III of Superfund Amendments and Reauthorization Act (SARA) 1986 and 40 CFR part 372.

16. Other Information

This product is a carpet sanitizer and deodorizer.

Abbreviations:

n. av. = not available
mm Hg = millimeters of Mercury
COC = Cleveland Open Cup
LD = Lethal Dose

n. ap. = not applicable
PMCC = Pensky Martens Closed Cup
TWA = Time Weighted Average
LC = Lethal Concentration

ppm = parts per million
TCC = Tagliabue Closed Cup
STEL = Short Term Exposure Limit
CS = centistokes