

# Material Safety Data Sheet

## Product and Manufacturer Identification

**Product Name:** Microban X-580  
**Product Use:** Disinfectant  
**Manufacturer:** Von Schrader Company  
 1600 Junction Avenue  
 Racine, WI 53403  
 (262) 634-1956

## Composition/ Information On Ingredients

<u>Ingredient Name</u>	<u>CAS Number</u>	<u>Weight %</u>
Water	7732-18-5	60-80
2-Propanol	67-63-0	10-30
Octylphenol polyoxyethylene	903-19-5	1-5

## Hazard Identification

**Emergency Overview:** Flammable, harmful irritant.  
**Potential Health Hazards:**  
**SKIN:** Prolonged contact may cause discomfort, redness and drying.  
**EYES:** Contact causes irritation and possible corneal injury.  
**INHALATION:** Low concentration of the vapor may cause respiratory irritation, chest pain, and coughing. High concentrations may cause headache and drowsiness.  
**INGESTION:** May cause abdominal discomfort, nausea, vomiting and diarrhea. Drowsiness or unconsciousness may occur.

## First Aid Measures

**SKIN:** Flush with plenty of water. If irritation persists seek medical advice.  
**EYES:** Flush with plenty of water get medical attention.  
**INHALATION:** Remove to fresh air. Administer artificial respiration if not breathing. Seek medical attention  
**INGESTION:** DO NOT induce vomiting. If conscious, drink plenty of water. Get medical attention. Never give anything by mouth to an unconscious person.

## Fire Fighting Measure

**Flammable Properties:**  
**FLASH POINT:** 81°F  
**FLASH POINT METHOD:** Tag Closed Cup  
**AUTOIGNITION TEMPERATURE:** Not determined  
**UPPER FLAME LIMIT;** Not determined  
**LOWER FLAME LIMIT:** Not determined  
**OSHA FLAMMABILITY CLASS:** Flammable  
**Extinguishing Media:** For large fires use alcohol type or foam type extinguishers. For smaller fires use dry chemical or carbon dioxide extinguishers.  
**Unusual Fire And Explosion Hazards:** Potential fire hazard when exposed to excessive heat, flame or other sources of ignition.  
**Special Fire Fighting Procedures:** Wear NIOSH-approved self-contained breathing apparatus.

## Accidental Release Measures

**Spill And Leak Procedures:** (See **Exposure Controls** section for recommended personal protection equipment.) Eliminate sources of ignition. Keep out of water sources and sewers. Absorb with noncombustible sand or earth, and using non-sparking tools, transfer to disposal drums.

## Handling And Storage

**Handling Procedures:** Avoid contact with eyes and skin. Avoid breathing vapors, mist or fumes.  
**Storage Procedures:** Keep away from heat, sparks and flame. Store in well-ventilated area in a tightly closed container.

## Exposure Controls/ Personal Protection

<u>Exposure Guidelines</u>	<u>ACGIH TWA</u>	<u>OSHA TWA</u>	<u>Other Limit</u>
<b>Ingredient name</b> 2-Propanol	980-mg/ m <sup>3</sup>	983-mg/ m <sup>3</sup>	
<b>Engineering Controls:</b>	Local exhaust is adequate. Ventilation recommended for enclosed spaces. Limit exposure to essential personnel during application.		
<b>Personal Protective Equipment:</b>			
<b>Skin Protection:</b>	Use chemical resistant gloves, and coveralls.		
<b>Eye Protection:</b>	Goggles or full-face respirator.		
<b>Respiratory Protection:</b>	NIOSH approved respirator for organic vapors.		
<b>Additional Recommendations:</b>	Eye wash station for an emergency.		

### Physical And Chemical Properties

**Appearance:** Light yellow liquid  
**Odor:** Faint mint  
**pH:** 6.5-7.5  
**Specific Gravity:** 0.9-grams/ milliliter  
**Water Solubility:** 100%  
**% Volatiles:** 25%  
**Vapor Pressure:** Not determined  
**Vapor Density:** Not determined  
**Evaporation Rate:** Not determined

### Stability And Reactivity

**Chemical Stability:** Stable  
**Incompatibility:** Strong oxidizing agents  
**Hazardous Decomposition:** Oxides of carbon  
**Hazardous Polymerization:** Will not occur

### Toxicological Information

**Immediate (Acute) Effects:**  
**Acute Eye Irritation:** Severe irritant  
**Acute Skin Irritation:** Slight irritant  
**Acute Dermal Toxicity:** >5-grams/ kilogram  
**Acute Inhalation Toxicity:** LC<sub>50</sub>(inhalation, rat)= 2.88 ppm  
**Acute Oral Toxicity:** >5-grams/ kilogram  
**Delayed (Sub-chronic And Chronic) Effects:** None known

### Ecological Information

**Ecotoxicological Information:** Not determined  
**Environmental Fate:** Not determined

### Disposal Considerations

Contact a licensed or registered waste disposal firm to incinerate the product.

### Transportation Information

**DOT and TDG Classification:**  
**DOT Proper Shipping Name:** ORM-D (Consumer Commodity)

### Regulatory Information

**Inventory Status**  
 USA (TSCA) Listed  
 Canada (DSL) Listed  
 Europe (EINECS/ ELINCS) Listed  
 Japan (ENCS) Listed  
 Australia (AICS) Listed

**Additional Information**  
**WHMIS Classification:** B2 D2B  
**SARA Title III:** Not applicable  
**CERCLA Reportable Quantities:** Not applicable  
**California Proposition 65:** This product is not subject to the reporting requirements.

### Other Information

HAZARD RATING	HMIS	NFPA
Health	2	2
Flammability	3	3
Reactivity	0	0
PPE	H	

This product is a commercial cleaning and deodorizing chemical.

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