

# MATERIAL SAFETY DATA SHEET

## SECTION I - PRODUCT IDENTIFICATION

**Product Name:** Neutral Zone Neutral Floor Cleaner  
**Product Use:** Floor Cleaner  
**WHMIS Class:** Class D - Division 2B  
**TDG Classification:** Not regulated as dangerous goods.  
**Manufacturer:** Virox Technologies Inc.  
2770 Coventry Road  
Oakville, ON L6H 6R1 CA  
Phone (905) 813-0110  
**Supplier:** The Butcher Company  
2401 Bristol Circle  
Oakville, ON L6H 6P1 Canada  
Phone: 1-800-668-3131  
Emergency Phone: 1-800-228-5635

LEGEND HMIS		Health	/	1
Severe	4	Flammability		0
Serious	3	Physical Hazard		0
Moderate	2	Personal Protection		B
Slight	1			
Minimal	0			

## SECTION II - HAZARDOUS INGREDIENTS

<u>Ingredient(s)</u>	<u>CAS #</u>	<u>Wt%</u>	<u>ACGIH-TLV</u>	<u>LC50</u>	<u>Oral LD50</u>
Alcohols, C12-14-secondary, ethoxylated	84133-50-6	1 - 5	Not established	Not available	3250 mg/kg rat
Hydrogen peroxide	7722-84-1	3 - 7	1 ppm - TWA	2 mg/l/4h rat	75 mg/kg rat; 2000 mg/kg mouse

## SECTION III - PHYSICAL DATA

<b>Boiling Point:</b>	Not available	<b>Specific Gravity:</b>	1.03 (H2O = 1)
<b>Freezing Point:</b>	Not available	<b>Coefficient of Water/Oil Distribution:</b>	Not available
<b>Vapour Pressure:</b>	Not available	<b>% Volatile:</b>	Not available
<b>Vapour Density:</b>	Not available	<b>Evaporation Rate:</b>	Not available
<b>Solubility in Water:</b>	Complete	<b>pH:</b>	7 - 8
<b>Physical State:</b>	Liquid	<b>Viscosity:</b>	Water thin
<b>Appearance:</b>	Clear colourless	<b>Odour Threshold:</b>	Not available
<b>Odour:</b>	Odourless		

## SECTION IV - FIRE AND EXPLOSION DATA

<b>Flammability:</b>	Not flammable by WHMIS criteria.				
<b>Flash Point:</b>	None	<b>LEL:</b>	Not applicable	<b>UEL:</b>	Not applicable
<b>Hazardous Combustion Products:</b>	Decomposition releases oxygen which may intensify fire.				
<b>Autoignition Temperature:</b>	Not available				
<b>Explosion Data:</b>					
<b>Sensitivity to Mechanical Impact:</b>	Not available				
<b>Sensitivity to Static Discharge:</b>	Not available				
<b>Means of Extinction:</b>	Treat for surrounding material.				
<b>Special Fire Hazards:</b>	Firefighters should wear a self-contained breathing apparatus.				

## SECTION V - REACTIVITY DATA

<b>Conditions for Chemical Instability:</b>	Stable under recommended storage conditions.
<b>Incompatible Materials:</b>	Oxidizers. Reducing agents. Acids. Caustics.
<b>Reactivity:</b>	Do not mix with other chemicals.
<b>Hazardous Decomposition Products:</b>	Decomposition releases oxygen which may intensify fire.

## SECTION VI - TOXICOLOGICAL PROPERTIES

**Route of Entry:** Eye, Skin contact, Ingestion.

**EFFECTS OF ACUTE EXPOSURE:**

- Eye:** Causes irritation.  
**Skin:** Causes irritation.  
**Inhalation:** Not a normal route of exposure.  
**Ingestion:** Like any product not designed to be ingested, this product may cause stomach distress if ingested in large quantities.

**EFFECTS OF CHRONIC EXPOSURE:**

- Skin:** Prolonged or repeated exposure to dilutions may cause skin drying in sensitive individuals.  
**Irritancy:** Causes irritation.  
**Respiratory Tract Sensitization:** Non-hazardous by WHMIS criteria.  
**Carcinogenicity:** Non-hazardous by WHMIS criteria.  
**Teratogenicity:** Non-hazardous by WHMIS criteria.  
**Mutagenicity:** Non-hazardous by WHMIS criteria.  
**Reproductive Effects:** Non-hazardous by WHMIS criteria.  
**Synergistic Materials:** None known.

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**SECTION VII - PREVENTATIVE MEASURES**

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- Gloves:** Natural or butyl rubber, nitrile or neoprene gloves.  
**Eye Protection:** Safety goggles or glasses.  
**Respiratory Protection:** Not normally required.  
**Other Protective Equipment:** As required by employer code.  
**Engineering Controls:** General ventilation normally adequate.  
**Leak and Spill Procedure:** Before attempting clean up, refer to hazard data given above. Large spills, greater than 5 gallons, may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.  
**Waste Disposal:** Review federal, provincial, and local government requirements prior to disposal.  
**Handling Requirements:** Use good industrial hygiene practices in handling this material. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.  
**Storage Requirements:** Keep out of reach of children. Avoid storage at elevated temperatures.

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**SECTION VIII - FIRST AID**

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- Eye:** Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Obtain medical attention if irritation develops or persists.  
**Skin:** Immediately flush with water. Wash with soap and water. Obtain medical attention if irritation persists.  
**Inhalation:** Not a normal route of exposure. If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.  
**Ingestion:** Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.

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**SECTION IX - PREPARATION INFORMATION**

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**Effective Date:** 15-Jan-2009

**Expiry Date:** 15-Jan-2012

**Prepared By:** Dell Tech Laboratories Ltd. (519) 858-5021

Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.