

# 37 BriteMax PEROXIDE CLEANER

## Product description

BriteMax was developed by our chemists to combine the power of peroxide (H<sub>2</sub>O<sub>2</sub>) with biodegradable emulsifying detergents to provide fantastic cleaning and deodorizing results. All commercial, institutional and hospitality markets will benefit from this exceptional product. BriteMax has a unique blend of ingredients to whiten and brighten discoloured surfaces.

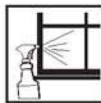
## Why it's a better cleaner

- The cleanworks<sup>®</sup>2 system dispenses it right every time.
- EcoLogo<sup>®</sup> (certified by ECP, an Environment Canada Program).
- Super concentrated – economical to use.
- Cleans with cold water – energy saving.

## How it cleans



1. Dispense #37 BriteMax Peroxide Cleaner according to dilution chart.



2. Apply solution to surface to be cleaned.



3. Allow this product time to penetrate and disperse the soils and contaminant.



Scrubbing may speed up the cleaning action

4. Pick up solution with mop, cloth or machine



## Dilution chart

DILUTE 1:64  
Dispenses 260 litres of ready-to-use cleaner from the 2 x 2 litre concentrate case of cleanworks<sup>®</sup>2 BriteMax.

## Where it cleans

BriteMax is used for general cleaning of floors, walls and other hard surfaces. Effective against grease, grime and soil. Excellent for cleaning and brightening ceiling and other discoloured surfaces. Removes odors from commercial kitchen floors while removing grease.

## Technical Data

Packaging.....2/2 Litre  
Physical State.....Liquid  
Color.....Clear  
Odor.....Low  
pH.....7.0  
VOCs.....< 1%  
Foam.....Low  
Freeze/Thaw Stability.....Excellent  
Solubility in Water.....Complete



cleanworks<sup>2</sup> & Chemecology are registered trademarks of Maxim Technologies Inc.

# CLEANING MANAGEMENT SYSTEM

#37 BriteMax - Peroxide Cleaner is designed to be used with the cleanworks<sup>®</sup>2 Cleaning Management System. The system dispenses precisely diluted peroxide cleaner with the touch of a button...ready to use in spray or wipe-on applications. Highly concentrated formula saves storage space and helps reduce disposal costs. cleanworks<sup>®</sup>2 is simple, accurate and safer to use.

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## MATERIAL SAFETY DATA SHEET Page 1 of 4

### SECTION I PRODUCT IDENTIFICATION

**Product Trade Name:** 37 BriteMax CW2  
**Description:** Hydrogen peroxide based degreaser for CW2 dispensing system  
**Manufacturer:** Maxim Technologies Inc.  
**Effective Date:** Dec. 29, 2014

### SECTION II COMPOSITION IDENTIFICATION

Ingredient	Approx. Wt.%	SARA-313	CAS Number
Hydrogen Peroxide	<8		7722-84-1
Alcohol Ethoxylate	5.0-10.0		68991-48-0

None of the other components in this mixture contribute significantly to the hazards associated with this component. All pertinent hazard information has been provided in this MSDS, per the requirements of the U.S. Federal Occupational Safety and Health Administration Standard (29 CFR 1910.1200), U.S. State equivalent Standards, and the Canadian Workplace Hazardous Materials Identification System Standards (CPR 4).

### SECTION III HAZARD IDENTIFICATION

**Route of Entry:** Skin, eyes, inhalation.  
**Eyes:** Direct contact may cause irritation.  
**Skin:** Temporary whitening and slight redness on skin contact.  
**Inhalation:** May cause dizziness.  
**Ingestion:** May cause vomiting, headache and medical problems.  
**Effects of Chronic Exposure:** None known.  
**Effects of Acute Exposure to Product:** Product exposure may irritate eyes, whiten skin or cause headaches.

### SECTION IV FIRST AID MEASURES

**Ingestion:** Give plenty of clean water to drink to dilute product. Do not induce vomiting. Call a Physician.  
**Skin Contact:** Wash with clean water and rinse well.  
**Eye Contact:** Flush with clean water for 15 minutes.  
**If irritation occurs or persists, get medical attention.**

### SECTION V FIRE FIGHTING MEASURES

**Extinguishing Media:** Not flammable. Use extinguishing medias suitable for surrounding areas.  
**Special Firefighting Procedures:** Wear NIOSH/MSHA approved, self-contained breathing apparatus for firefighting situation. Use water spray to cool all nearby fire exposed surfaces.  
**Unusual Fire / Explosion Hazards:** None.

### SECTION VI ACCIDENTAL RELEASE MEASURES

**Environmental Protection Precautions:** Do not release to the environment or water source.  
**Steps To Be Taken In Case Material Is Released Or Spilled:** Wear protective equipment. Dike and contain large spills. Pump spills into an approved waste container. For small spills, soak up with a suitable absorbent such as clay, soil or commercially available absorbents, and then dispose of into an approved waste container. Keep away from sewers and natural waters. Reuse if possible. Otherwise dispose recovered material in accordance with all local, Provincial or Federal regulations.

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**SECTION VII    HANDLING AND STORAGE**

**Precautions To Be Taken In Handling And Storage:** Use good industrial hygiene. Avoid contact with skin, eyes and clothing. Store in a cool, dry place away from incompatibles. Keep container closed when not in use. Do not mix with other chemicals. Store at temperatures below 30°C and keep from freezing.

**SECTION VIII    EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Respiratory Protection:** Normally not required. Use a NIOSH/MSHA approved dust/mist respirator if product is misted/sprayed in confined areas.

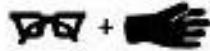
**Ventilation: Local Exhaust:** Good general ventilation or local exhaust ventilation for spraying and misting in confined areas.

**Protective Gloves:** Natural or butyl rubber, nitrile or neoprene gloves recommended.

**Eye Protection:** Normally not required. If product mist/spray is possible at use, use chemical goggles, safety goggles or glasses.

**Other Protective Equipment:** Long sleeve clothing. Eye wash recommended in the immediate work area.

HMIS Protection  
Group B



**SECTION IX    PHYSICAL DATA**

Appearance:	Colourless liquid
Odor:	Citrus scent.
pH:	5.5-6.5
Boiling Point:	N/D
Melting Point:	N/D
Flash Point:	None to 100°C
Explosive Properties:	None.
Oxidizing Properties:	N/A
Vapor Pressure:	N/D
Vapor Density (Water Vapor=1):	N/D
Specific Gravity (Water=1):	1.035 @ 20°C
Evaporation Rate (Water=1):	N/D
Solubility in Water:	Soluble

**SECTION X    STABILITY AND REACTIVITY INFORMATION**

Stability:	Stable under normal storage conditions.
Incompatibility:	Strong reducing agents, organic compounds.
Hazardous Polymerization:	Will not occur.
Hazardous Decomposition Products:	Oxides of carbon

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**SECTION XI    ECOLOGICAL INFORMATION**

This product does not exhibit the properties of ignitability, corrosivity, reactivity or environmentally persistent toxicity.

This product does not adversely inhibit a diverse aquatic range of organisms (animal, plant, bacteria) as required by the EcoLogo™ program under CCD-146.

**SECTION XII    TOXICOLOGICAL PROPERTIES**

LD <sub>50</sub> (oral rat):	1518 mg/kg
Threshold Limit Value:	No limit determined.
Carcinogenicity:	None known.
Mutagenicity:	None known.
Reproductive Toxicity:	None known.
Teratogenicity:	None known.
Sensitization:	None known.
Irritancy of Product:	May be irritating to eyes or skin.

**SECTION XIII    DISPOSAL CONSIDERATIONS**

**Recommended Waste Disposal Methods:** Reuse if possible. Otherwise dispose recovered material in accordance with all local, Provincial or Federal regulations.

**SECTION XIV    TRANSPORT INFORMATION**

This product is classified as "Non-flammable, Non-hazardous, Not Restricted" for Transport purposes.

United Nations Number:	None.
ADR/RID Class:	
IATA Class:	
IMO Class:	
IMDG Code:	
Marine Pollutant classification:	Not classified as a Marine Pollutant.

**SECTION XV    REGULATORY INFORMATION**

**HAZARD RATING INFORMATION**

4=Extreme  
3=High  
2=Moderate  
1=Slight  
0=Insignificant

**HMS**

1	Health
0	Flammability
0	Reactivity
B	Personal

A=Gloves, B=Goggles & Gloves  
C=Goggles, Gloves and Apron

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**SECTION XV    REGULATORY INFORMATION – CONTINUED**

Canada

WHMIS classification – D2B

**SECTION XVI    OTHER INFORMATION**

<p><b>Toxic Substances Control Act: (USA)</b> <b>SARA: (USA)</b></p>	<p>Section 302 – Sections 311/312 – Section 313 –</p>	<p>This product is on the 8(B) Inventory List (40 CFR 710). This product does not contain materials listed in Appendix A or B as an Extremely Hazardous Substance. Materials listed in 29 CFR 1910, Subpart Z are identified in Section III. None are known or suspected carcinogens listed by the National Toxicology Program, International Agency for Research on Cancer, or OSHA. Listed materials contained in this product are identified in Sections II or III of this MSDS.</p>
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**USER'S RESPONSIBILITY**

It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. **Maxim Technologies Inc.** will accept no liability for damages or loss incurred from the improper handling and use of this product.

**PREPARATION INFORMATION**

The information provided in the Material Safety Data Sheet has been obtained from current sources and is believed to be reliable.

PREPARED BY: Technical Service/Regulatory Division

LAST UPDATE: Dec. 29, 2014