Chemecology

SensiBowl

A Naturally Better Washroom Cleaner

Product Information

SENSIBOWL is a breakthrough in cleaning technology. This powerful toilet and washroom cleaner uses a completely new ingredient that is not corrosive to end users or most washroom surfaces. A unique and "sensible" formula that is extremely effective at cleaning and removing rust and scale from toilets can also be used to remove scale from washroom fixtures without damaging chrome or brass. Sensibowl has stable hard water tolerance that gives effective cleaning action even in hard water conditions.

SENSIBOWL does not have a strong acid smell. It eliminates the "fuming" of traditional hydrochloric acid products and is replaced by an apple fragrance that leaves the surfaces smelling clean and fresh. Sensibowl does not corrode materials that the traditional hydrochloric cleaners do and yet is highly effective in its cleaning performance, saving both time and money.

SENSIBOWL has EcoLogo^{M} Certification (certified by ECP, an Environment Canada Program) which guarantees you are using one of the most environmentally responsible toilet bowl cleaners that is available in today's marketplace.

SENSIBOWL should be used at full strength.
TOILETS: Lower bowl water level by forcing water over trap with bowl mop or by pouring in a pail of water. Saturate mop with 2 to 3 oz. (60-90 ml) of Sensibowl and swab entire bowl thoroughly especially under flush rings. Flush and rinse mop.
FIXTURES, TILE and GROUT: Apply Sensibowl full strength with a cloth or brush, wipe surfaces clean and rinse thoroughly.
URINALS: Use Sensibowl full strength around urinal rim. Swab entire urinal and then flush.

SENSIBOWL is available in 12x1L (12x1.06 Quart) cases.

Contact your local sales representative or
visit www.chemecology.com for more information.

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Where nature meets science

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: **SENSIBOWL**

Product Use: *Safe-acid toilet and washroom cleaner.*

WHMIS CODE: D – Division 2B
Proper Shipping Name: None
Hazard Class: None
UN Number: None

HMIS

2	Health
0	Flammability
0	Reactivity
B	Personal

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

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ABBREVIATION KEY: N/A=Not Applicable, N/E=Not Established, N/D=Not Determined, > =Greater Than

SECTION 2 – HAZARDOUS INGREDIENTS INFORMATION

INGREDIENT	CAS NO.	RANGE %	PEL	TLV
ORGANIC SALT	Proprietary blend	10.0-25.0	N/A	N/D

SECTION 3 – PHYSICAL DATA

Color and Odor: Clear liquid, apple scent
Physical State: Gel
Coeff. Water/Oil Dist: Greater than 1.0

Boiling Point: 100°C/212°F
Melting Point: N/D
Evaporation Rate: N/D

Vapor Pressure (mm HG): N/D
Vapor Density: N/D
Solubility in Water: Soluble

pH: 2.0 (direct)
Specific Gravity: 1.03@ 20°C
Odor Threshold: No Data

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: Does not ignite.
Flammable Limits: None known.
Conditions of Flammability: Not flammable.

Sensitivity to Mechanical Impact: None.
Sensitivity to Static Discharge: None.

Extinguishing Media: Water spray, CO_2
Auto ignition Temperature: None known.

Unusual Fire and Explosion Hazards: Flammable hydrogen gas may liberate upon prolonged contact with sensitive metals (i.e. aluminum.).
Special Fire Fighting: Evacuate personnel to a safe area. Keep containers cool with water spray. Avoid breathing decomposition products. Wear self-contained breathing apparatus and full body protection.

SECTION 5 – REACTIVITY DATA

Chemical Stability: Stable under normal storage conditions.
Hazardous Polymerization: Will not occur.
Incompatibility (material to avoid): Avoid contact with oxidizers. This material may be extremely hazardous in contact with chlorates or nitrates. This material is acidic. Avoid contact with hypochlorites (e.g. chlorine bleach, sulfides or cyanide will liberate toxic gases). Contact with alkaline materials (e.g. aqua ammonia) will generate exothermic heat.
Hazardous Decomposition Products: Thermal decomposition may yield, but not limited to oxides of carbon and nitrogen. Hydrogen gas may be released upon contact with certain metals.

SECTION 6 – TOXICOLOGICAL DATA

Exposure Limits: See Section 2 under Hazardous Ingredient.
Irritancy of Product: Irritating to eyes. NON CORROSIVE TO SKIN.
Sensitization: None known.
Name of Toxicological Synergistic Product: None known.
Teratogenicity: None known.

Routes of Entry: Skin, eyes, inhalation, and ingestion.
Carcinogenicity: Non-hazardous by WHMIS/OSHA criteria.
Mutagencity: None known.
Reproductive Toxicity: None known.

Effects of Chronic Exposure: Prolonged or repeated exposure can cause drying or dermatitis of skin.
Effects of Acute Exposure to Product: Ingestion can be harmful to digestion system. This product was found to be NON CORROSIVE to the skin after 4 hours of direct skin contact.

SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

Respiratory Protection: Not a likely route of exposure due to physical properties. Product has a low vapor pressure at room temp and is not expected to present an inhalation hazard under ambient conditions.
Ventilation: Good general ventilation recommended.
Protective Gloves: Use impervious (rubber, nitrile) gloves.
Eye Protection: Chemical goggles, safety goggles or face shield.
Protective Clothing and Equipment: Long sleeve coveralls. Eye wash recommended in the immediate work area.
Storage and Handling Procedures: Keep container tightly closed. Store in fiberglass, polyethylene or polypropylene containers. Do not store in metal containers, especially aluminum. Storage in certain metal containers at temperatures above 60°C/140°F may result in hydrogen gas evolution. Do not store at temperatures above 48°C/120°F.
Disposal Procedures for Spills or Leaks: Collect for disposal. Clean up remaining materials from spill with suitable absorbent. Small spills may be absorbed with non-reactive absorbent (sand) and placed in suitable, covered, labeled containers. For large spills provide diking or other appropriate containment to keep material from spreading. Prevent large spills from entering sewers or water ways. If diked material can be pumped, store recovered material in compatible drums for recovery or disposal. Observe all personal protection equipment recommendations.
Waste Disposal Method: Reuse if possible, or otherwise dispose recovered material in accordance with all local, Provincial or Federal Regulations.
Special Shipping Information: Store at temperatures below 30ºC (86ºF) and keep from freezing.

SECTION 8 – EMERGENCY FIRST AID PROCEDURES

First Aid:
If inhaled move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and seek medical attention. If swallowed, give plenty of clean water to drink to dilute product. Do not induce vomiting. If in contact with skin, flush with mild soap and water for 15 minutes. Seek medical attention if irritation develops. Remove contaminated clothing and launder before reuse. If in contact with eyes, immediately flush with water for 15 minutes. Seek medical attention.

PREPARATION DATA

PREPARED BY: Technical Service / Regulatory Division PHONE: 604-526-5655 LAST UPDATE: Dec. 24, 2014

THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM CURRENT SOURCES AND IS BELIEVED TO BE RELIABLE