



# PMC WATER SYSTEMS SERVICES INC.

## 124 CONNIE CRES. UNIT 9 CONCORD, ONTARIO.

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### SAFETY DATA SHEET ULTRACLEAN 110

#### Protection Required



#### SECTION 1 - MATERIAL IDENTIFICATION AND USE

**Manufacturer's Name** : PMC Water Systems Services Inc.  
**Manufacturer's Address** : 124 Connie Crescent, Unit 9, Concord, ON L4K 1L7  
**Manufacturer's Phone #** : (905) 669-8262  
**24 Emergency Phone #** : Canutec (613) 996-6666  
**Product Identifier** : Ultraclean 110  
**Product Use** : Chemical Cleaner

#### SECTION 2 – COMPOSITION/INGREDIENTS OF MATERIAL

Ingredients	Concentration	CAS #	LD <sub>50</sub>	LC <sub>50</sub>
Sodium Dodecylbenzene Sulfonate	1-5%	25155-30-0	438 mg/kg (oral – rat)	No Data Available
Dripropylene Glycol Methel Ether	1-5%	34590-94-8	5130 mg/kg (oral – rat)	No Data Available
Sodium Metasilicate	1-5%	6834-92-0	600 mg/kg (oral – rat)	No Data Available
Potassium Hydroxide	1-5%	1310-58-3	273 mg/kg, (oral – rat)	No Data Available

#### SECTION 3 – HAZARDS IDENTIFICATION

**Hazard Statements** Causes severe skin burns and eye damage.  
**Precautionary Statements** Do not breathe dust/fume/gas/mist/vapours/spray. Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Immediately take off all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a Poison Center/doctor. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Store locked up. Dispose of contents/container in accordance with local, regional, national, and/or international regulations.

#### SECTION 4 – FIRST AID MEASURES

**Eye Contact** Immediately flush eye(s) with plenty of water for at least 15 minutes. Get medical attention immediately after flushing.  
**Skin Contact** Immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention immediately.  
**Inhalation** Remove victim to fresh air. If breathing stops, begin artificial respiration immediately. If breathing is difficult, give oxygen and get immediate medical attention.  
**Ingestion** Do not induce vomiting. Get medical attention immediately. Never give anything by mouth to an unconscious or convulsing person.

#### SECTION 5 - FIRE FIGHTING MEASURES

**Flammability** Not Flammable  
**Flash Point** Not Applicable  
**Autoignition Temperature** Not Available

<b>Extinguishing Media</b>	As for surrounding fire.
<b>Special Procedures</b>	Fire fighters should wear full protective clothing, including self-contained breathing equipment.
<b>Hazardous Combustion Products</b>	Hydrogen

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Wear appropriate protective equipment.
<b>Environment Precautions</b>	Ensure spilled product does not enter sewers or streams; dike if needed. Consult local authorities. Sinks and mixes with water. The high pH of this material is harmful to aquatic life.
<b>Spill Response/Cleanup</b>	Scoop up or vacuum up and place in an appropriate closed container. Avoid raising dust. Restrict access to unprotected personnel. Flush area with water to remove trace residue. Do not touch or walk through spilled material. Neutralize contamination area and flush with large quantities of water.

## SECTION 7 – HANDLING AND STORAGE

<b>Handling</b>	Avoid contact with eyes, skin and clothing. Avoid breathing vapour. Promptly clean residue from closures with a water dampened cloth. Promptly clean up spills.
<b>Storage Requirements</b>	Store in clean, tightly closed steel, fiber, or plastic containers. Place away from incompatible materials. This product can absorb water from the air. In case of high humidity or storage for extended periods of time, use plastic bags to enclose product containers to avoid caking. Use first in, first out storage system. Do not store in aluminum, fiberglass, copper, brass, zinc or galvanized containers. Keep from freezing.

## SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Ventilation</b>	Use with adequate ventilation. Use local exhaust if mist or spray is generated.
<b>Respiratory Protection</b>	Use NIOSH approved combination dust and mist respirator where spray mist occurs.
<b>Skin Protection</b>	Apron, coveralls, gloves and/or other protective clothing.
<b>Eye/Face Protection</b>	Chemical goggles; also wear a face shield if splashing hazard exists
<b>Other Comments</b>	An eyewash station and safety shower must be available in immediate work area.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	:	Thick liquid
<b>Odour and Appearance</b>	:	Slight Sweet Odour; Amber Liquid
<b>Odour Threshold</b>	:	No Data Available
<b>Specific Gravity (Water = 1)</b>	:	1.05 – 1.10 g/cc
<b>Vapour Pressure (mmHg)</b>	:	Not Available
<b>Vapour Density (Air = 1)</b>	:	Not Available
<b>Evaporation Rate</b>	:	Not Available
<b>Boiling Point</b>	:	100°C, 212°F
<b>Freezing/Melting Point</b>	:	-2°C, 28.4°F
<b>pH</b>	:	10 – 12
<b>Coefficient Water/Oil Distribution</b>	:	Not Applicable
<b>Solubility in Water</b>	:	Miscible in water

## SECTION 10 – STABILITY AND REACTIVITY

<b>Stability/Reactivity</b>	Stable
<b>Incompatible Materials</b>	Contact with acids. Generates heat when mixed with acid. May react with ammonium salt solutions resulting in evolution of ammonia gas. Flammable hydrogen gas may be produced on contact with aluminum, tin, lead, and zinc. Carbon monoxide gas may be produced on contact with reducing sugars.
<b>Hazardous Decomposition Products</b>	Hydrogen, Carbon monoxide.
<b>Hazardous Polymerization</b>	Will not occur
<b>Additional Information</b>	Dries to form glass film which can easily cut skin. Can etch glass if not promptly removed.

## SECTION 11 – TOXICOLOGICAL INFORMATION

<b>Effects of Acute Exposure</b>	
<b>Skin Contact</b>	: Corrosive. Causes burns.
<b>Eye Contact</b>	: Corrosive. Causes eye burns.

<b>Ingestion</b>	:	Corrosive to the respiratory passage. Mists may cause irritation of upper respiratory tract.
<b>Inhalation</b>	:	Corrosive. Causes burns to the mouth, throat and stomach.
<b>Chronic Exposure Effects</b>	:	May cause irritation to nose, throat and respiratory tract. If ingested, it may cause nausea, vomiting and diarrhea. Irritant to eyes and skin.
<b>Exposure Limit</b>	:	Not Available
<b>Irritancy</b>	:	Slight
<b>Carcinogenicity</b>	:	None Known
<b>Teratogenicity</b>	:	None Known
<b>Mutagenicity</b>	:	None Known
<b>Reproductive Effects</b>	:	None Known

## SECTION 12 – ECOLOGICAL INFORMATION

**General Comments** Do not allow product or runoff from fire control to enter storm or sanitary sewers, lakes, rivers, streams or public waterways. Sinks and dissolves in water. This material is not persistent in aquatic systems, but its high pH when undiluted or unneutralized is acutely harmful to aquatic life. Diluted material rapidly depolymerizes to yield dissolved silica in a form that is indistinguishable from natural dissolved silica. This material does not bioaccumulate except in species that use silica as a structural material such as diatoms and siliceous sponges.

## SECTION 13 – DISPOSAL CONSIDERATIONS

**Waste Disposal** Dispose in accordance with federal, provincial or local government requirements.

## SECTION 14 – TRANSPORT INFORMATION

**Shipping Regulations** Not TDG Regulated  
**Domestic Substances List** All ingredients are listed on the DSL or are not required to be listed.

## SECTION 15 – REGULATORY INFORMATION

**WHMIS Classification** Class E: Corrosive Material

## SECTION 16 – OTHER INFORMATION

**Prepared by:** Lab Services  
 PMC Water Systems Services Inc.  
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 Concord Ontario L4K 1L7

**Preparation Date:** January 3, 2019

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While all the data presented is believed to be accurate at the time of preparation, PMC Water Systems Services Inc. makes no warranty; the data is offered for your consideration, investigation and verification.