



PMC WATER SYSTEMS SERVICES INC.

124 CONNIE CRES. UNIT 9 CONCORD, ONTARIO.

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SAFETY DATA SHEET ULTRACLEAN SSFC

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 SSFC
Product Use : System and Press Felt Cleaner

SECTION 2 – COMPOSITION/INGREDIENTS OF MATERIAL

Ingredients	Concentration	CAS #	LD ₅₀	LC ₅₀
Sodium Hydroxide	15-20%	1310-73-2	400mg/kg, oral - rat 5000	No Data Available
Alkyl Polyglycoside	15-30%	68515-73-1	5000 mg/kg	No Data Available
d-Limonene	5-10%	5989-27-5	4400 mg/kg, oral - rat	No Data Available

SECTION 3 – HAZARDS IDENTIFICATION

Hazard Statement Causes severe skin burns and eye damage. Causes serious eye damage. Harmful to aquatic life.
Precautionary Statement Do not breathe dust/fume/gas/mist/vapours/spray. Wash 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):** Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. **If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. **If Inhaled:** Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center or doctor/physician. Avoid release to the environment. Store locked up. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 4 – FIRST AID MEASURES

Eye Contact Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for at least 30 minutes, while holding the eyelid(s) open. Get medical attention immediately.
Skin Contact Immediately flush with lukewarm, gently flowing water for at least 30 minutes. Get medical attention immediately.
Inhalation Move victim to fresh air. Get medical attention immediately.
Ingestion Have victim rinse mouth with water. NEVER give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. DO NOT INDUCE VOMITING. Immediately call a poison centre or doctor.
Notes to Physician Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc. may be more susceptible to irritating effects Get medical attention immediately.

SECTION 5 - FIRE FIGHTING MEASURES

Flammability	COMBUSTIBLE LIQUID. Can ignite if heated. Releases vapour that can form explosive mixture with air at or above the flash point.
Flash Point (C)	~120°F; 48.9°C
Flash Point Method	Not Available
Autoignition Temperature (C)	Not Available
Flammability Limits in Air – Lower (%)	Not Available
Flammability Limits in Air – Upper (%)	Not Available
Extinguishing media	Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.
Special Exposure Hazards	Gas or vapour may travel a considerable distance to a source of ignition and flash back to a leak or open container. Toxic fumes or vapors may form during fire.
Special Protective Equipment	Use extreme caution. Wear full protective gear and positive pressure breathing apparatus in the fire area. Chemical protective clothing (e.g. chemical splash suit) and positive pressure SCBA may be necessary.
NFPA Ratings	Health 3, Flammability 2, Reactivity 0

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Clean up Procedure	Contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal. Contaminated absorbent poses the same hazard as the spilled product. Flush spill area.
Personal Precautions	Wear appropriate breathing apparatus, protective clothing and equipment.
Environment Precautions	It is good practice to prevent releases into the environment.

SECTION 7 – HANDLING AND STORAGE

Handling	Only use where there is adequate ventilation. Wear personal protective equipment to avoid direct contact with this chemical. FOR INDUSTRIAL USE ONLY.
Storage Requirements	Store in an area that is: well-ventilated. Empty containers may contain hazardous residue. Store separately. Keep closed. Comply with all applicable health and safety regulations, fire and building codes. PROTECT PRODUCT FROM FREEZING; KEEP OUT OF THE REACH OF CHILDREN.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls	Local exhaust ventilation as necessary to maintain exposures to within applicable limits.
Respiratory Protection	In case of insufficient ventilation, wear suitable respiratory equipment. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirators use.
Gloves	Rubber gloves; vinyl gloves
Skin Protection	Prevent all skin contact. Avoid repeated or prolonged skin contact. Wear chemical protective clothing e.g. gloves, aprons, boots.
Eye/Face Protection	Wear chemical safety goggles.
General Hygiene	Immediately remove contaminated clothing using the method that minimizes exposure. Properly dispose of any contaminated items, including shoes that cannot be decontaminated. DO NOT re-use.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State	:	Liquid
Odour and Appearance	:	Citrus odour; light brown
Odour Threshold	:	Not Available
Molecular Weight	:	Not Applicable
Specific Gravity (Water = 1)	:	~ 1.19
Vapour Pressure (mmHg)	:	~ 17.5 mm Hg at 20°C
Vapour Density (Air = 1)	:	Not Available
Evaporation Rate	:	Not Available
Boiling Point	:	> 200°F; 93.3°C
Freezing Point	:	< 40°F; 4.4°C
pH	:	> 12.5 (100% solution)
Solubility	:	Soluble in all proportions.

SECTION 10 – STABILITY AND REACTIVITY

Stability/Reactivity	Normally stable
Conditions to Avoid	Acidic conditions (low pH). Incompatible materials. Avoid aluminum and halogenated materials.
Incompatible Materials	Reacts violently with: strong acids (e.g. hydrochloric acid), metals (e.g. aluminum), halogens (e.g. chlorine).
Hazardous Decomposition Products	Incomplete combustion forms: very toxic carbon monoxide, carbon dioxide; corrosive sulfur oxides.
Possibility of Hazardous Reactions	None known.

SECTION 11 – TOXICOLOGICAL INFORMATION

Exposure Effects	
Skin Contact	: Animal tests show irritation for alcohol ethoxylates and d-limonene components.
Eye Contact	: Animal tests show irritation for alcohol ethoxylates and d-limonene components.
Ingestion	: No information was located.
Inhalation	: No information was located.
Carcinogenicity	: Not specifically evaluated.
Reproductive Toxicity	: No information was located.
Teratogenicity/Embryotoxicity	: No information was located.
Mutagenicity	: No information was located.
Toxicologically Synergistic Materials	: No information was located.

SECTION 12 – ECOLOGICAL INFORMATION

Persistence and Degradability:	No information was located. Environmental fate is dependent upon pH, temperature, sunlight and other factors.
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SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal Method	Recommended disposal methods are for the product, as sold. (Used material may contain other hazardous contaminants.) The required hazard evaluation of the waste and compliance with the applicable hazardous waste laws are the responsibility of the user. RCRA Hazard class D002 Undiluted product is regulated under environmental and transportation laws as a corrosive waste. Dispose of according to all federal, state and local applicable regulations.
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SECTION 14 – TRANSPORT INFORMATION

TDG Shipping Regulations	UN 1824, Sodium Hydroxide Solution, Class 8, PG II
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
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SECTION 16 – OTHER INFORMATION

Prepared by:	Lab Services PMC Water Systems Services Inc. 124 Connie Crescent, Unit 9 Concord Ontario L4K 1L7
Date Prepared :	July 4, 2018

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.