



WATER TREATMENT SERVICES

PO Box 235
Wendel, PA 15691
Phone: (724) 396-2542 or (412) 980-2233
Fax: (412) 774-1846 Email: info@wtservicesllc.com

Material Safety Data Sheet
Water Treatment Services Inc.

Date Prepared 11/14/2013
Emergency Contact
Infotrac: 800-535-5053

Section 1 -

Product Name: CATIONIC GEL LOGS

Product Code: PC0598

SECTION 2. - Composition \ Information on Ingredients

Hazardous Components	CAS Number	OSHA/PEL	ACGIH/TLV	Weight
Cationic polyacrylamide				30 %
Emulsion oil				20 %

SECTION 3. - Hazard Identification

HMIS Ratings Health: 1 Flammability: 1 Reactivity: 1 Protection: B

Principle Health Hazards (Acute and Chronic)

Eyes: MAY PRODUCE MILD IRRITATION.

Skin: MAY CAUSE IRRITATION. CHRONIC EXPOSURE MAY CAUSE REDNESS OR DERMATITIS. MAY AGGRAVATE PREEXISTING SKIN CONDITIONS.

Inhalation: MAY CAUSE IRRITATION TO THE UPPER RESPIRATORY TRACT, IF MISTING OCCURS.

Ingested: MAY CAUSE GASTROINTESTINAL IRRITATION.

Cancer: NOT LISTED AS CARCINOGENIC BY OSHA, ACGIH, NTP OR IARC.

SECTION 4. - First Aid

Eyes: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ASSISTANCE.

Skin: FLUSH WITH WATER FOR 15 MINUTES. REMOVE CONTAMINATED

CLOTHING IF IRRITATION PERSISTS, GET MEDICAL ASSISTANCE.
Inhalation: REMOVE TO FRESH AIR.

Ingested: DO NOT INDUCE VOMITING. GIVE WATER AND GET MEDICAL ASSISTANCE.

Product Name: CATIONIC GEL LOGS

Product Code: PC0598

SECTION 5. - Fire Fighting Measures

Extinguishing Media:

FOAM, CARBON DIOXIDE OR DRY CHEMICAL

Special Fire Fighting Procedures:

SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING

Unusual Fire Fighting or Explosion

WATER MAY CAUSE EXTREMELY SLIPPERY CONDITIONS.

SECTION 6. - Accidental Release Measures:

ABSORB SMALL SPILLS WITH ABSORBENT MATERIALS AND SHOVEL UP. FLUSH RESIDUE WITH WATER. FOR LARGE SPILLS, WEAR NIOSH APPROVED RESPIRATOR, PUMP OR VACUUM INTO CONTANERS FOR REUSE OR DISPOSAL.

SECTION 7 - Handling and Storage:

Precautions in Handling and Storage:

STORE IN A COOL DRY AREA. KEEP CONTAINER TIGHTLY CLOSED IF NOT IN USE. PROTECT FROM FREEZING. KEEP AWAY FROM OPEN FLAME OR SPARKS.

Other Precautions:

FLUSH CONTAMINATED EQUIPMENT BEFORE REPAIR. MATERIAL AND ITS SOLUTIONS ARE EXTREMELY SLIPPERY.

SECTION 8 - Exposure Controls / Personal Protection

Respiratory Protection: NOT USUALLY REQUIRED, USE NIOSH APPROVED ORGANIC VAPOR RESPIRATOR IF HIGH CONCENTRATIONS OF VAPOR OR MISTS ARE ENCOUNTERED

Local Exhaust: NOT REQUIRED Special: NONE

Mechanical: USUALLY ADEQUATE Other: NONE

Eye Protection: SAFETY GLASSES

Gloves: RUBBER

Clothing: WASH CONTAMINATED CLOTHING BEFORE REUSE

Work Hygiene: HAVE SAFETY SHOWER AND EYEWASH NEARBY

SECTION 9 - Physical and Chemical Properties

Melting Point: ~32F Vapor Pressure: >0.13
Boiling Point: +212F Vapor Density: N/A
Specific Gravity: 1.00-1.05 Evaporation Rate: N/A
Flash Point +200F PMCC
Flammable Limits: IN AIR
LEL: N.D.
UEL: N.D.

Solubility in Water:

5%

Appearance and Odor:

MILKY WHITE LIQUID WITH SLIGHT ORGANIC ODOR

Product Name: CATIONIC GEL LOGS

Product Code: PC0598

SECTION 10. - Stability and Reactivity

Is the Product Stable? Y

Conditions to Avoid:

NONE

Incompatibility - Materials to Avoid:

STRONG OXIDIZERS

Hazardous Decomposition or Byproducts:

WHEN BURNED OXIDES OF CARBON, SULFUR, NITROGEN AND TRACES OF
HCL

SECTION 11 - Toxicological Information

Ecotoxicity:

The effects of this product on aquatic organisms are rapidly mitigated through hydrolysis and by the presence of dissolved organic carbon in the aquatic environment.

- Fish LC50/Danio rerio/96 hr = 5-10 mg/L (OECD 203)

- Algae : Algal inhibition tests are not appropriate. The flocculating characteristics of the product interfere directly in the test medium preventing homogenous distribution which invalidates the test.

- Daphnia : EC50/Daphnia magna/48 hr = 20-50 mg/L (OECD 202)

Bioaccumulation : Does not bioaccumulate.

Persistence / degradability : Not readily biodegradable.

SECTION 12 - Ecological Information

None available on this product

SECTION 13 - Disposal Consideration

DISPOSE OF IN ACCORDANCE WITH LOCAL, COUNTY, STATE AND FEDERAL REGULATIONS. INCINERATION AND/OR DISPOSAL IN A CHEMICAL LANDFILL.

SECTION 14 - Transportation Information

DOT CLEANING COMPOUND, DRY

Shipping: NOT REGULATED

NMFC: 48580.03

SECTION 15 - Regulatory Information

Product Hazard Categories List

Chronic Inhalation:	N	Extremely Hazardous	N
Acute Health:	N	CERCLA Hazardous Substance:	N
Fire Hazard:	N	Toxic Chemical:	N
Pressure Hazard:	N	RECRA Hazardous Waste Number:	NONE
Reactivity Hazard:	N	TSCA:	LISTED

Disclaimer

Although reasonable care has been taken in preparation of the information contained herein, Water Treatment Services Inc. extends no warranties, makes no representations and assumes no responsibility as to the accuracy or suitability of such information for application to purchaser's intended purpose, or for the consequences of it's use.