AquaSurTech OEM
MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **AquaSurTech D-200 Accelerator**
Product Description: **Multifunctional Polycarbodiimide - Water solution**

Company Identification: AquaSurTech OEM Tel: 514- 697-9405
2148 Trans-Canada Highway
Dorval, QC
H9P 2N4, Canada

Health - Safety Emergency: **Chem-Tel: 800-255-3924**

Preparer: AquaSurTech OEM
Revised: 5/17/2007

2. COMPOSITION INFORMATION

Component	%	Cas No.	TSCA	Exposure Limits
Multifunctional Polycarbodiimide	40.0	Trade Secret	0	----------
Water	60.0	----------	----------	----------

3. HAZARDS IDENTIFICATION

Prolonged skin contact may cause allergic skin reaction.

Prolonged exposure may cause skin and eye irritation.

4. FIRST AID MEASURES

Emergency First Aid Procedures:

Inhalation: Provide fresh air and rest.

Skin Contact: Immediately remove contaminated clothing and shoes. Wash off with soap and water. Wash contaminated clothing before reuse.

Eye Contact: Wash with gentle stream of water for at least 15 minutes and seek medical attention

Ingestion: Drink water. Do not induce vomiting. Consult a physician immediately.

5. FIRE FIGHTING MEASURES

Extinguishing Media:

Water Fog or fine spray. Dry chemical fire extinguishers. Carbon dioxide fire extinguishers. Foam. Alcohol resistant foams (ATC type) are preferred.

Fire Fighting Instructions:

Wear self-contained breathing apparatus (SCBA) equipped with a full face piece and operated in a pressure-demand mode (or other positive pressure mode) and approved protective clothing. Personnel without suitable respiratory protection must leave the area to prevent significant exposure to hazardous gases from combustion, burning or decomposition. In an enclosed or poorly ventilated area, wear SCBA during cleanup immediately after a fire as well as during the attack phase of firefighting operations. Avoid contact with product.

Fire Fighting

Move container away from ignition sources. Use appropriate extinguishing agents for surrounding fire.

6. ACCIDENTAL RELEASE MEASURES

Containment Techniques:

Remove all sources of ignition.
Contain spill.
If spilled in an enclosed area, ventilate.

Clean-Up Techniques:

Wear proper personal protective clothing and equipment.
Do not flush liquid into public sewer, water systems or surface waters.
Recover as much as possible for reuse.
Absorb remainder with an inert material. Place into labeled, closed containers; store in safe location to await disposal.
Wash the spill area with soap and water.
Change contaminated clothes and launder before reuse.
CAUTION: Spilled liquid and dried film are slippery. Use care to avoid falls.
Dispose in accordance with local, state and federal regulations
Discarded product is not hazardous waste under CRA (40CFR 261.21)

7. HANDLING AND STORAGE

Handling:

Avoid eye contact. Avoid repeated or prolonged skin contact.
Avoid inhalation of aerosol, mist, spray, fume, or vapor.
Wash thoroughly after handling this product. Always wash before eating, smoking or using the facilities.
Use under well-ventilated conditions.
Wear respiratory protection if material is heated, sprayed, used in a confined space, or if the exposure limit is exceeded.
Individuals with lung or breathing problems or prior allergic reactions to isocyanates must not be exposed to vapor or spray mist.

Storage:

Keep container closed when not in use to prevent moisture contamination.
Do not store in open, unlabeled or mislabeled containers.
Do not allow product to freeze.
Storage at low temperature (0-25ºC) is recommended.
This material can react with water at temperature over 40ºC and generate urea compound, resulting in low performance.
Do not allow exposure with active hydrogen containing compounds, such as carboxylic acids, amines and alcohol. Avoid direct exposure to the sun.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Skin protection:

Solvent resistant gloves.

Eye Protection:

Chemical splash goggles in compliance with OSHA and a full face shield are advised.

Other Protection:

Impervious clothing and boots are recommended.

Hygienic Work Practices:

Remove and wash contaminated clothing before reuse.

Engineering Controls:

Always provide effective general and, when necessary, local exhaust ventilation to draw spray, aerosol, fume, mist and vapor away from workers to prevent routine inhalation.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Appearance:	Transparent, pale yellow liquid
Odor:	Slight
Boiling Point:	
Vapor Pressure:	
Specific Gravity:	1.03 (20ºC)
Solubility in water:	100% (20ºC)

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Incompatibility With Other Materials:	This product reacts with active hydrogen containing compounds, such as carboxylic acids, amines and alcohol.

11. TOXICOLOGICAL INFORMATION

SKIN AND EYE IRRITATION DATA:

Acute Dermal Irritation / Corrosion Study in Rabbits: Non irritation

Acute Eye Irritation in Rabbits: Mild irritant

Skin Sensitisation in the Guinea Pig Magnusson and Kligman Maximisation Method: Sensitive

TOXICITY DATA:

Acute Oral Toxicity, Study in Rats (Limit Test): LD50>2000mg/kg
Acute Dermal Toxicity (Limit Test): LD50>2000mg/kg
Mutagenecity: Negative (Ames test)

12. ECOLOGICAL INFORMATION

COD: 250,000 mg/kg
BOD: below 5 mg/kg

Ecotoxic effects: There are no data available for this component.
Degradation: None
Acute fish toxicity: LC50 > 200 mg/L
Duration of exposure: 96 hours
Bioconcentration fish test: Bioconcentration factors at a steady state: 40
Test species: Cyprinus carpio Duration of exposure: 28 days
Nominal concentration of test substance: 2 mg/L
Further ecological hints: Do not allow to escape into waters, wastesater or soil
Behaviour in sewers: Prior to the discharge of waste into sewage purification plants, neutralization is required.
The product must not be discharged into water system without pre-treatment (biological purification plant).
Indications regarding disposal: There are no data available component.
Other information: The product reacts with water slightly forming a solid insoluble product (polyurea).

Note: The product has not been tested. The statement has been derived from products of similar composition.

13. DISPOSAL CONSIDERATIONS

Incineration is the recommended disposal method for this product. Product collected on absorbent may be disposed in a landfill in accordance with all-applicable local state and federal regulations.

14. TRANSPORTATION INFORMATION

Non-hazardous. Ascertain that containers are closed tightly to prevent accidental release. Handle with care.

15. REGULATORY INFORMATION

Toxic Substances Control Act (TSCA):

All components of this product are on the TSCA inventory.

16. OTHER INFORMATION

HMIS Rating:

Health	0
Flammability	0
Physical Hazard	0

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

17. DISCLAIMER

The information accumulated here in is believed to be accurate and reliable as of the date above, however AquaSurTech OEM, makes no representation, warranty or guarantee nor assumes any legal responsibility as to its accuracy, reliability or completeness. Ultimate determination of suitability for intended use is the intended use is the responsibility of the user.