



(06) 879-9438

P.O. Box 15018
Hastings, New Zealand

AQUAGUARD

Trade Name: Aquaguard **Product #:** C156-CS
Formula: Proprietary **CAS#:** Blend

Section II – Composition / Information on Ingredients

CHEMICAL NAME	AMOUNT	CAS NO
Water	60.0-100.0%	7732-18-5
Fluoroacrylate Co-Polymer Emulsion	1.0 – 5.0%	Trade Secret
Dipropylene Glycol Monomethyl Ether	<1.0%	34590-94-8

Section III – Hazards Identification

Caution: May Cause Eye Irritation **HMIS Rating:** Health: 1 Flammability: 0 Reactivity: 0
NFPA Rating: Health: 1 Flammability: 0 Reactivity: 0

Section IV – Potential Health Effects

Eye: Direct contact or exposure to vapours may cause irritation. **Skin:** May cause irritation
Inhalation: Avoid breathing vapours or mists. Can cause respiratory tract irritation.
Ingestion: Headache, nausea, vomiting, dizziness, gastrointestinal upset.
Target Organ: Liver or kidney diseases.
Medical Conditions Aggravated by Exposure: May cause some skin disorder.

Section V – First Aid Measures

Eye Contact First Aid: Immediately flush eyes with plenty of water for a least 15 minutes. Get medical attention.
Skin Contact First Aid: Wash affected area with soap and water. Remove contaminated clothing and shoes. Seek medical attention if irritation develops or persists.
Inhalation First Aid: If inhaled, remove to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult.
Ingestion First Aid: swallowed, immediately give 2 glasses of water. If swallowed, do NOT induce vomiting. If vomiting occurs, give fluids again. Get medical attention to determined whether vomiting or evacuation of stomach is necessary.
Notes To Physician: This product contains low concentration of dipropylene glycol monomethyl ether which can cause CNS or minor liver or kidney effects, if large quantities are inhaled or absorbed through the skin.

Section VI – Fire Fighting Measures

Flammable Properties: COC Flash Point: >100 C (> 212.0 F) **Autoignition Temperature:** N/A
Flammable Limits in Air: LEL: % UEL: %
Extinguishing Media: Use media suitable for the material that is burning.
Fire Fighting Instructions: Move containers from area if it can be done without risk. Cool fire-exposed containers with water from side.
Miscellaneous: This product is not combustible. If involved in a fire, however, it can release small quantities of toxic hydrogen fluoride and carbonyl fluoride fumes.

Section VII - Accidental Release Measures

Safeguards (Personnel): Wear safety goggles and gloves when appropriate. Spill area will be slippery.
Initial Containment: Absorb spills with inert material. Shovel up and place in a non-metal waste container for disposal.
Large Spills Procedure: Dike large spills with soil or sandbags to contain it and prevent its spread.
Small Spills Procedure: Absorb spills with inert material. Floor may become slippery.
Miscellaneous: Prevent from watering waterways.

Section VIII- Handling & Storage

Handling (Personnel): Avoid contact with eyes, skin, and clothing.
Handling (Physical Aspects): Keep container closed to avoid contamination. Avoid extreme temperatures.
Storage Precautions: Keep away from heat and sunlight.
Miscellaneous: If material freezes, gently thaw prior to use. Mild agitation may be required.

Engineering Controls: Keep container tightly closed.
Eye / Face Protection Requirements: Wear safety glasses.
Skin Protection Requirements: For brief contact, normal work attire should be sufficient.
Respiratory Protection Requirements: Under normal use conditions, with adequate ventilation, no special handling equipment is required.

Section X - Physical and Chemical Properties

Exposure Guidelines: Dipropylene glycol monomethyl ether
OSHA PEL: 100 ppm ACGIH TWA: 100 ppm OSHA STEL: 150 ppm
Colour: Milky white Odour: Glycol
Boiling Point: 100 C Solubility in Water: Dispersible
Specific Gravity: 1.08 (water = 1) pH: 5.5 - 6.0

Section XI - Stability & Reactivity

Stability: Stable **Incompatibility With Other Materials:** Oxidation agents, alkalis.
Decomposition: Hydrogen fluoride and carbonyl fluoride, in case of fire or extreme heat.
Conditions to Avoid: Avoid contact with heat.

Section XII - Toxicological Information

Dipropylene glycol monomethyl ether:
Test Code: Acute LC50 Species: Fathead minnow Results: 5.4 ml/kg
Test Code: Dermal LD50 Species: Rabbit Results: >20 ml/kg

Section XIII - Ecological Information

Dipropylene glycol monomethyl ether:
Test Code: Acute LC50 Species: Fat head minnow Results: > 10000 mg/L
Test Code: Acute LC50 Species: Water Flea Results: 1919 mg/L
Test Code: Acute LC50 Species: Brown shrimp Results: > 1000 mg/L

Section XIV – Disposal Considerations

Waste Disposal: Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

Section XV - Transportation Information & Regulatory Information

Product Label: Aqua Guard **M. O. T. Shipping Name:** Not regulated
Miscellaneous:
IATA Shipping Classifications: Not Regulated **IMO/IMDG Shipping Classifications:** Not Regulated
Regulatory Lists Searched
01=SARA Title Section 302 02=SARA Title III Section 313
03=RCRA Hazardous Waste Codes 04=CERCLA Hazardous Substances
05=Clean Air Act 06=California Prop. 65
07=Florida Right-to-know 08=Massachusetts Right-to-know
09=New Jersey Right-to-know 10=Pennsylvania Right-to-know
EEC Symbols and Indications of Danger: None **WHMIS Hazard Symbols:** None
Canadian Disclosure List: Dipropylene glycol monomethyl ether (34590-94-8)
Miscellaneous Information: This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA).

The information set forth herein has been gathered from standard reference materials and/or test data and is to the best of the knowledge and belief of Chem-Dry New Zealand Ltd. accurate and reliable. Such information is offered solely for your consideration, investigation and verification, and is not suggested or guaranteed that the hazard precautions or procedures mentioned are the only ones which exist. Chem-Dry New Zealand Ltd. makes no warranties, expressed or implied, with respect to the use of such information or the use of the specific material identified herein in combination with any other material or process, and assumes no responsibility therefore.

Prepared by: Cory Parr Approved by: Edward Durrant
Title: Chemist Approval Date: May 26, 2000
Supersedes Date: September 9, 1999 RTN #: 00000045 (Official Copy)

N/A = Not Applicable N/E = Not Established N/D = No Data

End of MSDS Sheet