



Brand: Fluval / AquaClear
Trade Name: Bio-Max

Section 1. Product and company Information	
Product Name	Aqua Clear / Fluval Bio - Max
Product Code	A1370, A1371, A1372, A1373, A1374, A1378, A1456, A1457, 14023, 14024, 19660, 19662, 19664, 19665
Recommended Use and restrictions on Use	Aquarium Filtration Media
Supplier	Rolf C. Hagen Inc., 20500 Trans Canada Hwy, Baie d'Urfé, H9X 0A2 Canada
Emergency Telephone Number	Call your local poison control center

Section 2. Hazard Identification	
Classification	Not applicable
GHS Label Elements	Hazard Pictograms: N/A Signal Word: N/A Hazard Statements: N/A Precautionary Statement(s): N/A Storage: Store in cool, well-ventilated area Disposal: N/A
Other Hazards	

Section 3. Composition and Information on Ingredients			
Chemical Name	CAS #	Concentration (%)	EC #
Silicon Dioxide	7631-86-9	78.29%	262-373-8
Aluminum Oxide	1344-28-1	21.71%	215-691-6

Section 4. First-Aid Measures	
Inhalation	If inhaled, remove patient to fresh air. If symptom persists, obtain medical attention.
Skin Contact	Remove the contaminated clothes and flush with plenty of water and soap. In case of irritation seek medical attention.
Eye Contact	Flush with copious quantities of water for a minimum of 15 minutes holding lids apart to ensure flushing of the entire surface. Seek medical attention.
Ingestion	Have conscious person drink several glasses of water. If symptoms develop, seek medical attention.
Most Important Symptoms and Effects, Acute and Delayed	Inhalation: Non-irritating. Skin contact: Mild irritation is possible due to abrasive action of dust. Eye contact: May cause physical irritation. Ingestion: Possible mild irritation of respiratory tract due to drying. Nonn-Toxic
Immediate Medical Attention and Special Treatment	Specific treatments: Treat according to symptoms. Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training.

Section 5. Fire-Fighting Measures



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Suitable Extinguishing Media	Uitable extinguishing media
Unsuitable Extinguishing Media	Use extinguishing media appropriate to surrounding fire conditions.
Specific Hazards Arising from the Product	Not applicable
Hazardous combustion products	Not applicable
Special Protective Equipment and Precautions for Fire-Fighters	Not applicable

Section 6. Accidental Release Measures	
Personal Precautions, Protective Equipment, and Emergency Procedures	Wear rubber gloves and boots. Safety glasses are recommended to reduce skin contact. Wear approved respirators
Environmental Precautions	No toxic effects. Clean up and recover as suitable.
Methods for Containment and Cleaning Up	Dispose according to local and regional authority requirements.

Section 7. Handling and Storage	
Precautions for Safe Handling	Wash thoroughly after handling.
Conditions for Safe Storage	Store dry at ambient temperature away from food and beverages. Avoid contact with eyes and skin

Section 8. Exposure Controls and Personal Protection						
Control Parameters						
Chemical Name	ACGIH® TLV®		OSHA PEL		AIHA® WEEL™	
	TWA	STEL	TWA	STEL	8-hr TWA	Short-term TWA [C]
Appropriate Engineering Controls	Non volatile					
Individual Protection Measures	Eye/Face Protection: Safety glasses are recommended Skin Protection: Rubber/cloth/plastic gloves are recommended Respiratory Protection: It is recommended to wear a qualified mask					

Section 9. Physical and Chemical Properties



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Appearance, Physical State and Colour	Solid; Light grey, milky white with crushed chip
Odour	Tasteless
Odour Threshold	Non volatile
pH	8.1
Melting Point and Freezing Point	>1.000 deg C
Initial Boiling Point and Boiling Range	Non volatile
Flash Point	Non volatile
Evaporation Rate	Non volatile
Flammability (solid, gas)	Non volatile
Upper and Lower Flammability or Explosive Limit	Non volatile
Vapour Pressure	Non volatile
Vapour Density (air = 1)	Non volatile
Relative Density (water = 1)	Non volatile
Solubility in Water	Insoluble in water
Solubility in Other Liquids	Non volatile
Partition Coefficient, n-Octanol / Water (Log Kow)	Non volatile
Auto-Ignition Temperature	Non volatile
Decomposition Temperature	Non volatile
Viscosity	Non volatile

Section 10. Stability and Reactivity	
Reactivity	Stable under normal conditions.
Chemical Stability	Avoid contact with strong acids / alkali.
Possibility of Hazardous Reactions	Non volatile
Conditions to Avoid	Avoid contact with strong acids / alkali.
Incompatible Materials	Product does not polymerize.
Hazardous Decomposition Products	Non volatile

Section 11. Toxicological Information	
Likely Routes of Exposure	Non volatile
Acute Toxicity	
LC50	Non volatile
LD50 (oral)	Non volatile
LD50 (dermal)	Non volatile
TWA	Non volatile
Skin Corrosion / Irritation	Mild irritation is possible due to abrasive action of dust. Non-corrosive
Serious Eye Damage / Irritation	Flush eye with large amount of running water. Get medical attention if irritation develops. Non-corrosive
STOT (Specific Target Organ Toxicity) - Single Exposure	Non volatile
Aspiration Hazard	Non volatile
STOT (Specific Target Organ Toxicity) - Repeated Exposure	Non volatile

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Respiratory and/or Skin Sensitization	In case of large spill, remove from dusty area to fresh air. If not breathing give artificial respiration. Contact medical attention if cough or respiratory symptoms develop			
Other Injuries/Symptoms	Non volatile			
Carcinogenicity				
Chemical Name	IARC	ACGIH®	OSHA	NTP
Reproductive Toxicity				
Development of Offspring	Non volatile			
Sexual Function and Fertility	Non volatile			
Effects on or via Lactation	Non volatile			
Germ Cell Mutagenicity	Non volatile			
Interactive Effects	Non volatile			

Section 12. Ecological Information	
Ecotoxicity	Non volatile
Persistence and Degradability	Non volatile
Bioaccumulative Potential	Non volatile
Mobility in Soil	Non volatile
Other Adverse Effects	Non volatile

Section 13. Disposal Considerations	
Disposal Recommendations	Dispose of in accordance with federal, provincial and local regulations. Avoid release to the environment.
Disposal of damaged packaging	Follow all SDS and label precautions even after container is emptied.

Section 14. Transport Information				
Regulation	UN No.	Proper Shipping Name	Transport Hazard Class (es)	Packing Group
Canada TDG				
US DOT	Datos no regulados			
IATA	No restringido por la disposición especial A3			
IMDG				

Section 15. Regulatory Information	
Safety, Health and Environmental Regulations	<p>Canada</p> <p>WHIMIS 2015 Classification:</p> <p>Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL):</p> <p>CEPA - National Pollutant Release Inventory (NPRI)</p>



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	<p>USA</p> <p>Toxic Substances Control Act (TSCA) Section 8(b)</p> <p>Clean Water Act: N/A</p> <p>SARA 302 Components: N/A</p> <p>SARA 313 Components: N/A</p> <p>SARA 311/312 Hazard: N/A</p> <p>California Proposition 65 Components: This product does not contain any Proposition 65 chemicals</p>
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Section 16. Other information																	
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<p>Key to abbreviations</p> <p>ACGIH® = American Conference of Governmental Industrial Hygienists. TLV® = Threshold Limit Value. TWA = Time-Weighted Average. STEL = Short-term Exposure Limit. OSHA = US Occupation Safety and Health Administration. PEL = Permissible Exposure Limits. AIHA® = AIHA Guideline Foundation. WEEL™ = Workplace Environmental Exposure Limit. IARC = International Agency for Research on Cancer. NTP = National Toxicology Program.</p>																	

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