



## MATERIAL SAFETY DATA SHEET

ROLF C. HAGEN INC. 20500 TRANSCANADA HWY  
BAIE D'URFÉ, QUÉBEC H9X 0A2

**AquaClear**

**Amrid / Ammonia Remover**

**A596, A601, A611, A616, A621, A1402, A1410, A1412,  
A1414, A1416, A1480, A1486, A1487**

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### Section I. Product identification and uses

Product name	Amrid / Ammonia Remover
CAS #	1318-02-0
Use	Ammonia removal in Aquaria
Supplier	Rolf C. Hagen Inc., 20 500 Trans Canada Hwy, Baie d'Urfé, H9X 0A2
Emergency	Call your local Poison Control Centre

### Section II. Composition and information on ingredients

Ingredients	Conc. (%)	CAS #	TLV	LD50	LC50
Contains No Hazardous Ingredient					

### Section III. Hazardous ingredients

WHMIS	Classification	Transport of dangerous goods
Not regulated	Not applicable	Not regulated

### Section IV. Physical data

Physical state and appearance/Odour	Solid; granular grey with black granules and crushed chip
pH	8.1
Percent volatile	Non volatile
Freezing point	Not available
Boiling point	Not available
Specific gravity	Not available
Vapour density	Not available
Vapour pressure	Not available
Evaporation rate	Not available
Solubility	Insoluble in water

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<b>Section V. Fire and explosion data</b>			
Flammability conditions	Non flammable. Difficult to ignite and tends to burn slowly, smouldering without producing smoke or flame.		
Fire extinguishing procedures	Does not burn. Use extinguishing media appropriate for surrounding fire. Fire-fighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.		
Fire and explosion hazards	Not applicable		
Fire degradation products	Smoke and oxide carbon. Toxic gases will form upon combustion.		
Flash point	Flammable limit (%volume)		Auto-ignition temperature
Not available	Minimum	Maximum	Not available
	Not available	Not available	

<b>Section VI. Reactivity data</b>	
Stability	Stable under normal conditions.
Incompatibility	Avoid contact with strong acids / alkali.
Reaction products	Product does not polymerize.
Hazardous decomposition products	Not available

<b>Section VII. Toxicological properties</b>	
<b>Route of Entry</b>	
Effects of acute	Not available
Eye	May cause physical irritation.
Skin	Mild irritation is possible due to abrasive action of dust.
Inhalation	Non-irritating.
Ingestion	Possible mild irritation of respiratory tract due to drying. Non-Toxic
Effects of chronic overexposure	No chronic health effects are known

<b>Section VIII. First aid measures</b>	
Eye contact	Flush eye with large amount of running water. Get medical attention if irritation develops.
Skin contact	Wash with soap and water. Get medical attention if irritation develops.
Inhalation	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
Ingestion	Give one or two glass of water to drink. Contact medical attention if gastrointestinal symptoms develop.



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### Section IX. Preventive measures

Protective clothing in case of spill and leak	Wear rubber gloves and boots. Safety glasses are recommended to reduce skin contact. Wear approved respirators
Spill and leak	No toxic effects. Clean up and recover as suitable.
Waste disposal	Dispose according to local and regional authority requirements.

### Section X. Handling and Storage

Store dry at ambient temperature away from food and beverages. Avoid contact with eyes and skin. Wash thoroughly after handling.

### Section XI. Protective measures

Protective clothing	Safety glasses are recommended and rubber, cloth or plastic gloves are recommended to reduce skin contact. Wear approved respirators.
Engineering controls	None

### Section XII. Disposal considerations

Product recommendation	Waste disposal should be in accordance with existing federal, state, provincial, and/or local environmental control laws.
Unclean packaged recommendation	Recondition or dispose of empty container in accordance with governmental regulation.

### Section XIII. Ecological Information

Not available

### Section XIV. Other information

Special precaution or comments	Wash hands and face before eating, drinking or using tobacco products. Should be handled in a manner that avoids generating excessive airborne dust.
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Prepared by Rolf C. Hagen Inc.  
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