

**Safety Data Sheet**

according to 29CFR1910/1200 and GHS Rev. 3

**Initial preparation date:** : 04.11.2017**Interference Eliminator****SECTION 1: Identification of the substance/mixture and of the supplier****Product name:** Interference Eliminator**Manufacturer/Supplier Article number:** AR-1079-100**Recommended uses of the product and restrictions on use:** Laboratory Chemicals**Manufacturer Details:**

Aqua Analytics  
245 Matheson Blvd East, Units 1 & 2 Mississauga, Ontario Canada L4Z 3C9  
(888) 712-4000

**Emergency telephone number:**

Emergency Phone No. (613) 996-6666

**SECTION 2: Hazards identification****Classification of the substance or mixture:****Irritant**

Acute toxicity (oral), category 4

**Health hazard**Carcinogenicity, category 2  
Reproductive toxicity, category 2**Environmentally Damaging**

Chronic aquatic hazard, category 2

**Signal word:** Warning**Hazard statements:**

Harmful if swallowed.  
Suspected of causing cancer.  
Suspected of damaging fertility or the unborn child.  
Toxic to aquatic life with long lasting effects.

**Precautionary statements:**

Wash skin thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Use personal protective equipment as required.  
Avoid release to the environment.  
IF SWALLOWED: Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.  
If exposed or concerned: Get medical advice/attention.  
Collect spillage.  
Store locked up.  
Dispose of contents and container as instructed in Section 13.

**Other Non-GHS Classification:** None

**Safety Data Sheet**

according to 29CFR1910/1200 and GHS Rev. 3

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CAS / EINECS #	Ingredient Name	Wt. %
50-81-7	Ascorbic Acid	65
62-56-6	Thiourea	35

**SECTION 4: First aid measures****Description of first aid measures****After inhalation:**

Loosen clothing as necessary and position individual in a comfortable position. Maintain an unobstructed airway.

**After skin contact:**

Rinse affected area with soap and water. If symptoms develop or persist, seek medical attention.

**After eye contact:**

Rinse/flush exposed eye(s) gently using water for 15-20 minutes. If symptoms develop or persist, seek medical attention.

**After swallowing:**

Call a POISON CONTROL CENTER or seek medical attention if you feel unwell. Do not induce vomiting. Rinse mouth and then drink plenty of water.

**Most important symptoms and effects, both acute and delayed:** None**Indication of any immediate medical attention and special treatment needed:** None**SECTION 5: Firefighting measures****Extinguishing media****Suitable extinguishing agents:**

Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition.

**Unsuitable extinguishing agents:** None**Special hazards arising from the substance or mixture:**

Thermal decomposition can lead to release of irritating gases and vapors.

**Advice for firefighters:****Protective equipment:**

Wear protective eye wear, gloves and clothing. Refer to Section 8.

**Additional information (precautions):**

Avoid inhaling gases, fumes, dust, mist, vapor and aerosols. Avoid contact with skin, eyes and clothing.

**SECTION 6: Accidental release measures****Personal precautions, protective equipment and emergency procedures:**

Ensure adequate ventilation. Ensure air handling systems are operational. Wear protective eye wear, gloves and clothing.

**Environmental precautions:**

Should not be released into the environment. Prevent from reaching drains, sewer or waterway.

**Methods and material for containment and cleaning up:**

Wear protective eye wear, gloves and clothing.

**Reference to other sections:** None

**Safety Data Sheet**

according to 29CFR1910/1200 and GHS Rev. 3

Initial preparation date: : 04.11.2017

**Interference Eliminator****SECTION 7: Handling and storage****Precautions for safe handling:**

Do not eat, drink, smoke or use personal products when handling chemical substances. Avoid breathing mist or vapor.

**Conditions for safe storage, including any incompatibilities:**

Store in a cool, well-ventilated area.

**SECTION 8: Exposure controls/personal protection****Control parameters:**

**Appropriate engineering controls:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling.

**Respiratory protection:** When necessary, use NIOSH-approved breathing equipment.

**Protection of skin:** Select glove material impermeable and resistant to the substance.

**Eye protection:** Safety goggles or glasses, or appropriate eye protection.

**General hygienic measures:** Wash hands before breaks and at the end of work. Avoid contact with skin, eyes and clothing.

**SECTION 9: Physical and chemical properties**

<b>Appearance (physical state, color):</b>	White crystalline powder	<b>Explosion limit lower:</b> <b>Explosion limit upper:</b>	Not determined or not available. Not determined or not available.
<b>Odor:</b>	Not determined or not available.	<b>Vapor pressure at 20°C:</b>	Not determined or not available.
<b>Odor threshold:</b>	Not determined or not available.	<b>Vapor density:</b>	Not determined or not available.
<b>pH-value:</b>	2.5 (5% in H <sub>2</sub> O)	<b>Relative density:</b>	1.65
<b>Melting/Freezing point:</b>	Not determined or not available.	<b>Solubilities:</b>	Soluble in water.
<b>Boiling point/Boiling range:</b>	Not determined or not available.	<b>Partition coefficient (n-octanol/water):</b>	Not determined or not available.
<b>Flash point (closed cup):</b>	Not determined or not available.	<b>Auto/Self-ignition temperature:</b>	Not determined or not available.
<b>Evaporation rate:</b>	Not determined or not available.	<b>Decomposition temperature:</b>	Not determined or not available.
<b>Flammability (solid, gaseous):</b>	Not determined or not available.	<b>Viscosity:</b>	a. Kinematic: Not determined or not available. b. Dynamic: Not determined or not available.
<b>Density at 20°C:</b>	Not determined or not available.		

**Safety Data Sheet**

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Does not react under normal conditions of use and storage.

**Chemical stability:**

Stable under normal conditions of use and storage.

**Possible hazardous reactions:**

None under normal conditions of use and storage.

**Conditions to avoid:**

Avoid generating dust. Keep away from moisture.

**Incompatible materials:**

None known.

**Hazardous decomposition products:**

Acrid smoke and irritating fumes.

**SECTION 11: Toxicological information**

**Acute Toxicity:** None

**Chronic Toxicity:** No additional information.

**Skin corrosion/irritation:** No additional information.

**Serious eye damage/irritation:** No additional information.

**Respiratory or skin sensitization:** No additional information.

**Carcinogenicity:**

**Thiourea:** Suspected of causing cancer.

**Germ cell mutagenicity:** No additional information.

**Reproductive Toxicity:**

Thiourea: Suspected of damaging fertility or the unborn child.

**STOT-single and repeated exposure:** No additional information.

**Additional toxicological information:**

No additional information.

**SECTION 12: Ecological information****Ecotoxicity:**

Thiourea: Aquatic Plants, NOEC - Pseudokirchneriella subcapitata (Green Algae) - 1.0 mg/L - 7 days.

**Persistence and degradability:** No additional information.

**Bioaccumulative potential:** No additional information.

**Mobility in soil:** No additional information.

**Other adverse effects:** No additional information.

**SECTION 13: Disposal considerations****Waste disposal recommendations:**

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities. (US 40CFR262.11).

**Safety Data Sheet**

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**Interference Eliminator****SECTION 14: Transport information****US DOT****UN Number:**

ADR, ADN, DOT, IMDG, IATA 3077

**Limited Quantity Exception:** None**Bulk:****RQ (if applicable):** None**Proper shipping Name:** Environmentally hazardous substance, solid, N.O.S. (Thiourea), Marine Pollutant.**Hazard Class:** 9**Packing Group:** III.**Marine Pollutant (if applicable):** Yes**Comments:** None**Non Bulk:****RQ (if applicable):** None**Proper shipping Name:** Environmentally hazardous substance, solid, N.O.S. (Thiourea), Marine Pollutant.**Hazard Class:** 9**Packing Group:** III.**Marine Pollutant (if applicable):** Yes**Comments:** None**SECTION 15: Regulatory information****United States (USA)****SARA Section 311/312 (Specific toxic chemical listings):**

Acute, Chronic

**SARA Section 313 (Specific toxic chemical listings):****RCRA (hazardous waste code):****TSCA (Toxic Substances Control Act) :****CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act):****Proposition 65 (California):****Chemicals known to cause cancer:****Chemicals known to cause reproductive toxicity for females:**

None of the ingredients are listed.

**Chemicals known to cause reproductive toxicity for males:**

None of the ingredients are listed.

**Chemicals known to cause developmental toxicity:**

None of the ingredients are listed.

**Canada****Canadian Domestic Substances List (DSL) :****SECTION 16: Other information**

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This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations. The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations applicable to this material.

**NFPA:** 2-0-0**HMIS:** 2-0-0**GHS Full Text Phrases:** None**Abbreviations and Acronyms:** None