



Material Safety Data Sheet

ART (Acid Replacement Technology)

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Section I. Product Identification

Product Name: Organic Acid Salt Cleaner
Product Use: Cleaner
Concentrate Hazard Ratings: Health: 2
Fire: 0 Reactivity: 0
TDG Class: 8 Packing Group: III **UN Number: 1760** **Name: CORROSIVE LIQUID, (ACID SALTS)**
WHMIS Class: E, D2B

Section II. Hazardous Ingredients

<u>Chemical Name</u>	<u>CAS#</u>	<u>% by Weight</u>
Acid Salt	HMIRC registration number 7715	5-20%

Section III. Physical and Chemical Properties

Appearance: Clear colourless liquid	Odour: Odourless
PH (100%): 1	Solubility in Water: 100%
Boiling Point: >100°C	Specific Gravity: 1.04

Section IV. Fire and Explosion Hazard Data

Flash Point (TCC): >100°C
Extinguishing Media: Match media to surrounding fire.
Hazardous Combustion Products: Carbon oxides, hydrofluoric acid.
Unusual Fire and Explosion Hazards: None.

Section V. Reactivity Data

Stability: Stable	Conditions to Avoid: None known
Products to Avoid: Reacts with chlorine to produce chlorine gas; reacts with alkalis	Hazardous Decomposition Products: None known

Section VI. Toxicological Properties

Effects of Overexposure

Eyes: Corrosive to eyes.
Skin: Prolonged or repeated contact may cause irritation.
Ingestion: Harmful if swallowed. May cause burns to mouth, throat and stomach.
Inhalation: May cause irritation to nose, throat and respiratory tract if vaporized.



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Section VII. First Aid Measures

- Eye Contact:** Flush with cool running water for 15 minutes, removing contact lenses and keeping eyelids open. Get medical attention if irritation persists.
- Skin Contact:** Flush with cool running water for 15 minutes, removing contaminated clothing. Get medical attention if irritation persists.
- Ingestion:** Do not induce vomiting unless directed to do so by medical personnel. Rinse mouth, then drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.
- Inhalation:** If breathing is difficult, remove to fresh air. If not breathing, give artificial respiration. Obtain medical attention immediately.

Section VIII. Preventative Measures

Personal Protective Equipment

- Eyes:** Eye protection is recommended.
- Skin:** Impervious gloves are recommended.
- Respiratory:** No protective equipment is needed under normal use conditions.

Spill or Leak Procedures

- Cleanup:** Flush residue or small spills to sanitary sewer. Dike or dam large spills. Pump into containers or soak on inert absorbent and place in suitable containers for disposal.
- Waste Disposal:** Dispose of in accordance with Federal, Provincial and Municipal regulations.

Handling and Storage

- Handling:** Danger. Corrosive to eyes. Rinse thoroughly with water after contact. Harmful if swallowed.
- Storage:** Keep out of reach of children. Keep container tightly closed. Store in cool, well-ventillated area.

Section IX. Preparation and Other Information

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