



**INNOVATIVE  
CHEMICAL  
CORPORATION**

7769 95th Street South  
Cottage Grove, MN

## **SAFETY DATA SHEET**

**Revision Date:** 9/16/2015  
**Emergency Phone:** 1-800-535-5053 (Infotrac)

### **Section 1: Identification**

**Product Name:** Aluminum Cleaner & Brightener **Code:** 98PSH00  
**Chemical Type:** Liquid **Manufacturer/Supplier:**  
Innovative Chemical Corporation  
7769 95th Street South  
Cottage Grove, MN 55016  
651-649-1762

### **Section 2: Hazard(s) Identification**

#### **OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

#### **Label elements**

**Signal word:** Danger

**Hazard statements:** Skin and eye irritant. May be harmful if swallowed.

SKIN CORROSION/IRRITATION - Category 1

SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1 Causes

severe skin burns and eye damage

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)

(Respiratory tract irritation) - Category 3



#### **Precautionary Statements**

**Prevention:** Wear protective gloves: > 8 hours (breakthrough time): butyl rubber. Wear eye or face protection: Recommended: splash goggles. Wear protective clothing. Recommended: safety apron. Wash hands thoroughly after handling. Use outdoors or in a well ventilated area. Avoid breathing vapor.

**Response:** IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or physician. IF SWALLOWED: Immediately call a POISON CENTER or physician. Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse. Immediately call a POISON CENTER or physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or physician.

**Storage:** Store locked up.

**Disposal:** Dispose of contents and container in accordance with all local, regional, national and international regulations

### Section 3: Composition/Information on Ingredients

#### CAS number/other identifiers

Hazardous Components		
Chemical Name	%weight	CAS
Sulfuric Acid	10-15	7664-93-9
Hydrofluoric Acid (HF)	5-10	7664-39-3
Nonylphenol Ethoxylates	1-5	9016-45-9

Any concentration shown as a range is to protect confidentiality or is due to batch variation. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational limits, if available are listed in Section 8.

### Section 4: First-Aid Measures

#### Description of first aid measures

<b>Skin Contact</b>	Flush thoroughly with cool water. Remove contaminated clothing and apply calcium gluconate gel.
<b>Eye contact</b>	Flush eyes with running water for 15 minutes. Obtain immediate medical attention.
<b>Ingestion</b>	DO NOT INDUCE VOMITING! Rinse mouth and drink water in large amounts and call a physician immediately. Never give anything by mouth to an unconscious person.

#### Indication of any immediate medical attention needed

<b>Notes to Physician</b>	Treat for fluoride poisoning. Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be needed.
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See toxicological information (Section 11)

### Section 5: Fire-Fighting Measures

#### Extinguishing media

<b>Suitable extinguishing media</b>	Water fog, alcohol foam, CO2, Dry chemical, vaporizing liquid.
<b>Unsuitable extinguishing media</b>	Caution: Use of water spray when fighting fire may be inefficient.
<b>Specific hazards arising from the chemical</b>	High heat will release acidic vapors.
<b>Explosion data</b>	<b>Sensitivity to Mechanical Impact:</b> Not available.
	<b>Sensitivity to Static Discharge:</b> Not available.
<b>Protective equipment for fire-fighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### Section 6: Accidental Release Measures

#### Personal precautions, protective equipment and emergency procedures

<b>Accidental Spill or Leak</b>	Dike and contain spill with inert material (sand, earth, etc.) Collect spill with mop, absorbent material (example: floor-dri) or vacuum. Thoroughly rinse affected area with water.
<b>Personal Protection in Case of a Spill</b>	Approved safety goggles, Chemical resistant footwear, Synthetic Gloves, Chemical Resistant Clothing.

## Section 7: Handling and Storage

### Precautions for safe handling

<b>Precautions for safe handling</b>	Normal care in handling and storage. Keep out of reach of children. Do not store near heat or open flame. Do not breathe spray mist.
<b>Storage Conditions</b>	Normal care in handling and storage. Keep out of reach of children. Do not store near heat or open flame.
<b>Incompatible materials</b>	Metals, Alkaline materials. MIX ONLY WITH WATER.

## Section 8: Exposure Controls/Personal Protection

### Control parameters

#### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Sulfuric Acid	TWA: 0.2 mg/m3	TWA: 1 mg/m3	-
Hydrofluoric Acid	TWA: 3ppm	TWA: 6 ppm	-

*NIOSH IDLH Immediately Dangerous to Life or Health*

### Appropriate engineering controls

<b>Engineering Controls</b>	Showers, Eyewash stations & Ventilation systems.
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### Individual protection measures

<b>Eye/face protection</b>	Approved safety goggles or glasses
<b>Skin and body</b>	Chemical resistant clothing (full coverage), footwear, and synthetic gloves
<b>Respiratory</b>	Not normally required if adequate ventilation is provided
<b>General Hygiene</b>	When using do not eat, drink or smoke. Keep away from food, drink and animal feeding stuffs. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Avoid contact with skin, eyes or clothing. Take off all contaminated clothing and wash it before reuse. Wear suitable gloves and eye/face protection.

## Section 9: Physical and Chemical Properties

<b>Physical state</b>	Liquid
<b>Color</b>	Clear
<b>Odor</b>	None Added
<b>Odor threshold</b>	No Information available
<b>pH</b>	1
<b>Specific Gravity</b>	1-1.1 (1=H2O)
<b>Viscosity</b>	Not available
<b>Melting point/freezing</b>	Not applicable

<b>Flash point</b>	Not available
<b>Boiling point / boiling range</b>	approximately 212°F
<b>Evaporation rate</b>	No Information available
<b>Flammability (solid, gas)</b>	Not available
<b>Flammability Limits in Air</b>	Not available
<b>Upper flammability limit:</b>	Not Applicable
<b>Lower flammability limit:</b>	Not Applicable
<b>Vapor pressure</b>	No Information available
<b>Vapor density</b>	No Information available
<b>Water solubility</b>	Complete
<b>Partition coefficient</b>	No Information available
<b>Auto ignition temperature</b>	No Information available
<b>Decomposition temperature</b>	No Information available
<b>Density Lbs/Gal</b>	Not available
<b>VOC Content (%)</b>	Not available

### Section 10: Stability and Reactivity

<b>Stability:</b>	This product is stable.
<b>Incompatibility with Various Substances:</b>	Metals, Alkaline Materials, Only mix with water.
<b>Hazardous decomposition products:</b>	Not available.

### Section 11: Toxicological Information

#### Information on likely routes of exposure

<b>Routes of Entry</b>	Skin absorption, ingestion, inhalation, eye contact.
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#### Acute Effects on Humans

<b>Inhalation</b>	Overexposure to vapors may be harmful
<b>Eye contact</b>	Corrosive to eyes on contact. Causes severe chemical burns if contact occurs. Irritation and/or burning sensation on contact can be delayed up to 24 hours.
<b>Skin Contact</b>	Corrosive to skin on contact. Causes severe chemical burns if contact occurs. Irritation and/or burning sensation on contact can be delayed up to 24 hours.
<b>Ingestion</b>	Harmful or fatal if swallowed.

#### Chronic Effects on Humans

Fluoride Poisoning

#### Special Remarks on Effects on Humans

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression & convulsion may be needed.

**Teratogen, Mutagen, Reproductive Toxin Status**

No

**Toxicologically Synergistic Products**

Not available

## Section 12: Ecological information

**Ecotoxicity**

Not available

**Chemical Fate Info**

Not available.

**Bioaccumulative potential**

Not available.

## Section 13: Disposal Considerations

**Disposal of wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging**

Do not reuse container.

## Section 14: Transport information

Regulatory info	UN number	Proper shipping name	Classes	PG	Environmental hazards	Additional info
DOT Classification	2922	Corrosive liquids, toxic, n.o.s.	8, 6.1	II.		
TDG Classification	2922	Corrosive liquids, toxic, n.o.s.	8, 6.1	II.		

**Maritime Transportation:** Not available.

**Special Provisions for Transport:** Not available.

## Section 15: Regulatory information

**WHMIS**

WHMIS CLASS E: Corrosive Liquid. D-2 Toxic.

**Regulatory Lists:**

All ingredients listed.

**Other Classifications:**

CERCLA Reportable: Not available

SARA Title III  
 Section 302 Extremely Hazardous Chemicals: Hydrogen fluoride  
 Section 311/312 Hazard Category: Immediate Health Hazard  
 Section 313 Toxic Chemicals: Hydrogen Fluoride

WHMIS CLASS E

Risk Phrase: R21, R22, R34, R37

Precautions: S2, S15, S26, S62

## Section 16: Other information

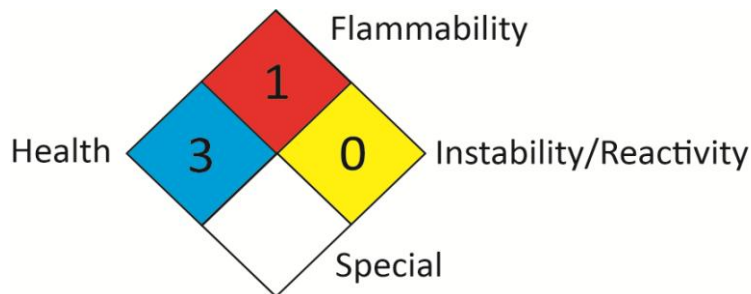
### Hazardous Material

Health	3
Flammability	1
Physical hazards	0

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing hazards or risks, and 4 representing significant

The customer is responsible for determining the PPE code for this material.

### National Fire Protection



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### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named