

# Safety Data Sheet

Solution 2577

## SECTION I - IDENTIFICATION



Win Solutions, Inc.

109 Pine Street

Lexa, AR 72355

(800) 489-0470

ChemTel, Inc. : ..... (800) 255-3924

**Product Number** 2577  
**Product Name** Solution 2577  
**Chemical Family** Acidic Aluminum Cleaner  
**CAS Number** Multiple  
**Date Prepared** 7/2/2015  
**Revision Number**

## SECTION II - HAZARDOUS IDENTIFICATION

### GHS CLASSIFICATION:

#### Classification

|                            |            |
|----------------------------|------------|
| Corrosive to Metals        | Category 1 |
| Sensitization, Skin        | Category 1 |
| Sensitization, Respiratory | Category 1 |

### DANGER!

#### GHS LABEL:



#### Hazard Statements

|      |   |
|------|---|
| H290 | May be corrosive to metals  |
| H317 | May cause an allergic skin reaction                                       |
| H334 | May cause allergy or asthma symptoms or breathing difficulties if inhaled |

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### Precautionary Statements

|          |   |
|----------|---|
| P234     | Keep only in original container.  |
| P261     | Avoid breathing dust/fume/gas/mist/vapours/spray.   |
| P272     | Contaminated work clothing should not be allowed out of the workplace.  |
| P280     | Wear protective gloves/protective clothing/eye protection/face protection.  |
| P285     | In case of inadequate ventilation wear respiratory protection.  |
| P302+352 | IF ON SKIN: Wash with soap and water.   |
| P304+341 | IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. |
| P333+313 | If skin irritation or a rash occurs: Get medical advice/attention.  |
| P342+311 | Call a POISON CENTER or doctor/physician.   |
| P363     | Wash contaminated clothing before reuse.  |
| p390     | Absorb spillage to prevent material damage.   |
| P404     | Store in a closed container.  |
| P501     | Dispose of contents/container to an approved waste disposal plant.  |

### SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS

The precise composition of this product is proprietary information. In the event of a medical emergency, a complete disclosure will be provided to medical personnel.

| Component Name | CAS #     | Component% | OSHA PEL            | ACGIH TLV           |
|----------------|-----------|------------|---------------------|---------------------|
| Inorganic Acid | 7664-38-2 | <25%       | 1 mg/m <sup>3</sup> | 1 mg/m <sup>3</sup> |
| Sulfamic Acid  | 5329-14-6 | <5%        |                     |                     |

### SECTION IV - FIRST AID MEASURES

**Contact with eyes:** Flush with water for 15 minutes. Seek immediate medical attention.

**Skin contact:** Wash exposed areas with water and mild soap. Remove contaminated clothing immediately and launder before reuse. If irritations persist, seek immediate medical attention.

**Inhalation:** Remove victim to fresh air. Administer oxygen or artificial respiration if breathing is affected or stopped. Seek immediate medical attention.

**Ingestion:** If swallowed. Do not induce vomiting. Seek immediate medical attention.

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## SECTION V - FIREFIGHTING MEASURES

**Suitable Extinguishing Media:** Water fog, foam, CO2, dry chemical.

**Special Fire Fighting Procedures**

**Unusual Fire Fighting Hazards:**

## SECTION VI - ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Evacuate all unprotected personnel from the area.

**Environmental Precautions:** Contain spill if it can be done with minimal risk. Prevent liquid from entering drains, sewers or waterways. Notify proper authorities.

**Methods for Cleaning Up:** Cover with sodium bicarbonate or a soda ash/slaked lime mixture (50/50). Mix and add water if necessary to form a slurry and complete neutralization. Scoop up slurry and wash site with soda ash solution.

## SECTION VII - HANDLING AND STORAGE

**Handling and Storage:**

- Aluminum equipment should not be used in the storage and/or transfer. Contact with aluminum parts in a pressurizable fluid system may cause violent reactions.

## SECTION VIII - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

### EXPOSURE LIMITS:

| Component Name | CAS #     | OSHA PEL            | ACGIH TLV           |
|----------------|-----------|---------------------|---------------------|
| Inorganic Acid | 7664-38-2 | 1 mg/m <sup>3</sup> | 1 mg/m <sup>3</sup> |
| Sulfamic Acid  | 5329-14-6 |                     |                     |

**Engineering Controls:**

**Monitoring:**

**Personal Protective Equipment (PPE)**

**Eye Protection:**

**Skin Protection:**

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Respiratory Protection:

## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

|                           |                    |
|---------------------------|--------------------|
| Appearance                | Clear Amber Liquid |
| Odor                      | Surfactant Odor    |
| pH@25°C                   | >2                 |
| Melting/Freezing Point    | 32°F               |
| Flashpoint                | NA                 |
| Specific Gravity          | 1.08               |
| Solubility                | Complete           |
| Auto-Ignition Temperature | None               |
| Decomposition Temperature |                    |
| VOC Content               | NA                 |
| Odor Threshold            | NA                 |
| Boiling Range             | 212°F              |
| Evaporation Point         | Not Determined     |
| Flammable Limits - Upper  | None               |
| Flammable Limits - Lower  | None               |
| Vapor Pressure            | NA                 |
| Vapor Density (Air=1)     | NA                 |
| Viscosity                 | NA                 |

## SECTION X - STABILITY AND REACTIVITY

**Stability:** Stable, under normal conditions of storage and handling.

**Conditions to Avoid:** Strong oxidizing agents  
Keep from freezing.

**Hazardous Decomposition/Byproducts:**

**Hazardous Polymerization:**

**Polymerization Conditions to Avoid:**

**Incompatibilities:**

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## SECTION XI - TOXICOLOGICAL INFORMATION

### Likely Route of Exposure:

#### Inhalation:

Breathing spray or mists can be harmful.

#### Eye Contact:

Causes eye irritation including stinging, watering and redness which may result in corneal injury.

#### Skin Contact:

Contact may cause mild skin irritation including redness, burning and drying/cracking of the skin.

#### Ingestion:

May cause gastrointestinal irritation with nausea, vomiting and diarrhea.

### Toxicity:

| Component Name | LD50  | LC50                          |
|----------------|---|-------------------------------|
| Inorganic Acid | Oral - rat - 1530 mg/kg -<br>Dermal - rabbit - 2740 mg/kg | Inhalation - rat - 25.5 mg/m3 |
| Sulfamic Acid  | Oral  |                               |

| Reproductive Effects | Teratogenicity | Mutagenicity   | Embryotoxicity | Sensitization to Product | Synergistic Products |
|----------------------|----------------|----------------|----------------|--------------------------|----------------------|
| Not Applicable       | Not Applicable | Not Applicable | Not Applicable | Not Applicable           | Not Applicable       |

## SECTION XII - ECOLOGICAL INFORMATION

### Ecotoxicity:

Information not available.

### Mobility:

Information not available.

### Degradability:

### BioAccumulation:

## SECTION XIII - WASTE DISPOSAL CONSIDERATIONS

Observe and follow all federal, state and local regulations.

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## SECTION XIV - TRANSPORT INFORMATION

### DOT SHIPPING INFORMATION

**Proper Shipping Name:** Compounds, Cleaning, Liquid

**Contains:** Organic Acid

**Hazard Class and Label:** 8, Corrosive

**Identification Number:** UN1760

**Packaging Group:** III

## SECTION XV - REGULATORY INFORMATION

**TSCA STATUS:**.....

### SARA TITLE III SECTION 302/304 EXTREMELY HAZARDOUS SUBSTANCE:

No chemicals in this material are subject to the reporting requirements.

### SARA TITLE III SECTION 311/312 HAZARD CATEGORIZATION:

| Acute | Chronic | Fire | Pressure | Reactive |
|-------|---------|------|----------|----------|
| X     | N/A     | N/A  | N/A      | X        |

### SARA TITLE III SECTION 313 SUPPLIER INFORMATION:

| Component Name | CAS #     | % by wt. |
|----------------|-----------|----------|
|                | 7664-38-2 | <25%     |

### CERCLA SECTION 102(a) HAZARDOUS SUBSTANCE:

| Component Name  | CAS #     | % by wt. | RQ (lbs.) |
|-----------------|-----------|----------|-----------|
| Phosphoric Acid | 7664-38-2 | <25%     | 5,000     |

### CALIFORNIA PROPOSITION 65:

No chemicals in this material are subject to the reporting requirements.

## SECTION XVI - OTHER INFORMATION

**HMIS Health:** ..... 2

**HMIS Flammability:** ..... 0

**HMIS Reactivity:** ..... 1

**Additional:**

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