

# 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

# Safety Data Sheet

## Solution 2577

### 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.

# Safety Data Sheet

Solution 2577

## 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:**

# Safety Data Sheet

Solution 2577

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:**

# Safety Data Sheet

Solution 2577

## 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 - 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.

# Safety Data Sheet

Solution 2577

## 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:**

**Safety Data Sheet**  
Solution 2577