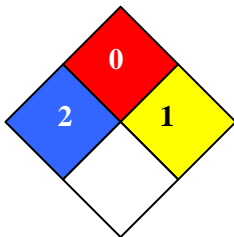


Solution 2577

(Aluminum Cleaner/Conditioner)



MATERIAL SAFETY DATA SHEET

Health:	2
Flammability:	0
Reactivity:	0
Personal Protection:	C

SECTION 1

CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Win Solutions, Inc.
109 Pine Street
Lexa, AR 72355

Telephone Number: (800) 489-0470
Fax Number: (870)572-9696

EMERGENCY TELEPHONE NUMBERS

Win Solutions, Inc. (800) 489-0470 Normal Business Hours
CHEM-TEL (800) 255-3924 After Business Hours

PRODUCT NAME:

Solution 2577

DATE CREATED:

02/01/01

CHEMICAL NAME:

N/A

DATE LAST REVISED: 01/15/10

TRADE NAMES / SYNONYMS:

N/A

CHEMICAL FAMILY:

Acidic Aluminum Conditioner

SECTION 2

COMPOSITION, INFORMATION ON INGREDIENTS

A. Hazardous Ingredients:

Phosphoric Acid
(CAS # 7664-38-2)

Percentage

≤25

Exposure Limits

OSHA PEL TWA 1 mg/m³
OSHA PEL STEL 3 mg/m³
ACGIH TLV TWA 1 mg/m³

B. Other Ingredients:

Mixture of sequestrates, coupling agents
surfactants, and water

Percentage

Balance

Exposure Limits

None Established

C. Proprietary Trade Secret:

Each proprietary trade secret material listed above in Section 2 A is either:

- (1) Held a trade secret from Win Solutions, Inc.,
- (2) Below 0.1% if potential carcinogenic,
- (3) OSHA non-hazardous material or less than 1.0% if OSHA hazardous material.
- (4) Determined to be unusual and or unique information to the industry.

SECTION 3

HAZARDS IDENTIFICATION

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***** **EMERGENCY OVERVIEW** *****

CAUTION: Avoid contact with eyes, skin and clothing. This product contains materials, which can cause skin irritations, dryness, and dermatitis. May cause some slight eye irritation and conjunctivitis. Wash thoroughly after handling. Remove contaminated clothing and launder before reuse.

POTENTIAL HEALTH EFFECTS:

EYES:

SHORT TERM EFFECTS: Test on similar materials suggests slight irritation.

INGESTION:

SHORT TERM EFFECTS: Test on similar materials indicate the possibility of the following symptoms: nausea and diarrhea

INHALATION:

SHORT TERM EFFECTS: Test on similar materials indicate the possibility of the following symptoms: respiratory tract irritation

SKIN:

SHORT TERM EFFECTS: Test on similar materials suggests some irritation, dryness, and dermatitis.

ADDITIONAL DATA:

None Known

PRIMARY ROUTE(S) OF ENTRY

Skin, Inhalation and Eyes

CHRONIC INFORMATION:

Prolonged and/or repeated contact with this material may produce skin, eye and respiratory tract irritation.

CARCINOGEN STATUS:

OSHA:	No
NTP:	No
IARC:	No
ACGIH:	No

This product does not require a cancer hazard warning in accordance with the OSHA Hazard Communication Standard.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Personnel with pre-existing skin or respiratory tract disorders should avoid contact with this product.

SECTION 4

FIRST AID MEASURES

EYES:

Flush eyes immediately with water for a minimum of 15 minutes occasionally lifting lower and upper lids. Get medical attention promptly.

INGESTION:

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Drink several glasses of water to dilute. Do Not induce vomiting except at the instruction of a physician. Never give anything by mouth to an unconscious person.

INHALATION:

Not likely to occur except as a mist. Remove patient to fresh air and consult a physician. If breathing is difficult, give oxygen. If not breathing give artificial respiration.

SKIN:

Wash skin thoroughly with soap and water. Immediately remove contaminated clothing and launder before reuse. If irritation or rash develops, obtain medical assistance.

NOTE TO PHYSICIAN:

Not Applicable for this product.

SECTION 5

FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASH POINT:	NONE
AUTO IGNITION:	NONE
FLAMMABILITY CLASS (OSHA):	N/A
LOWER EXPLOSIVE LIMIT (%):	NONE
UPPER EXPLOSIVE LIMIT (%):	NONE

FIRE AND EXPLOSION HAZARDS:

NONE

EXTINGUISHING MEDIA:

Any media suitable for the surrounding fire.
(1996 Emergency Response Guidebook, RSPA P 5800.6)

FIRE FIGHTING INSTRUCTIONS:

Use water spray only to cool containers exposed to flame. Do not enter enclosed or a confined work space without proper protective equipment. Fire fighting personnel should wear respiratory protection (positive pressure if available).

HAZARDOUS PRODUCTS OF COMBUSTION:

Fumes, smoke and carbon monoxide.

SECTION 6

ACCIDENTAL RELEASE MEASURES

OCCUPATIONAL SPILL:

General: Shut off all ignition sources; no flares, smoking or flames in hazard area. Use personal protective equipment.

For small spills: Take up with sand or other absorbent material and place into containers for later disposal.

For large spills: Keep unnecessary people away; isolate hazard area and deny entry. Dike far ahead of spill.

Contain spill from entering waterways or sewers. Absorb material with sawdust or other absorbent material and dispose of in an approved landfill. Advise EPA, state agencies if required.

REPORTABLE QUANTITY (RQ): 5000 pounds of Phosphoric Acid

The Superfund Amendments and Reauthorization Act (SARA) Section 304 requires that a release equal to or greater than the reportable quantity for this substance be immediately reported to the local emergency planning committee and the state emergency response commission (40 CFR 355.40). If the release of this substance is reportable under

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CERCLA Section 103, the National Response Center must be notified immediately at (800) 424-8802 or (202) 426-2675 in the metropolitan Washington, DC. area (40 CFR 302.6)

SECTION 7

HANDLING AND STORAGE

HANDLING AND STORAGE:

Observe all federal, state and local regulations when storing this substance.

BONDING AND GROUNDING:

Not Applicable with this product.

SENSITIVITY TO (SHOCK) IMPACT:

Not Applicable with this product.

HANDLING AND STORAGE PRECAUTIONS:

Store in a cool dry area. Keep containers tightly closed when not in use. Never use a torch to cut or weld on or near container. Empty containers can contain explosive vapors. Store away from incompatible substances. Wash thoroughly after handling.

WORK / HYGIENIC PRACTICES:

Wash hands with soap and water before eating, drinking, smoking or use of toilet facilities. Take a shower after work if general contact occurs. Remove soaked clothing and launder before reuse. Launder contaminated shoes and leather gloves.

SECTION 8

EXPOSURE CONTROLS, PERSONAL PROTECTION

ENGINEERING CONTROLS:

Use adequate ventilation to keep mists of this material below applicable standard(s). See Section on occupational exposure limits.

EYE / FACE PROTECTION:

Safety glasses, splash goggles or face shield as appropriate. Have suitable eye water wash available.

SKIN PROTECTION:

Avoid prolonged and / or repeated skin contact. If prolonged contact cannot be avoided, wear protective impervious gloves and clothing. Acceptable materials for gloves are neoprene; nitrile; viton.

VENTILATION:

Supply adequate ventilation to keep levels below standards.

RESPIRATORY PROTECTION:

Normally not required if adequate ventilation is in place.

OTHER / GENERAL PROTECTION:

If there is a likelihood of splashing, splash resistant clothing should be worn. Never wear soaked clothing. Launder or dry-clean before wearing. Discard oil soaked shoes. Affix warning labels on containers in accordance with 29 CFR 1910.1200 (Hazard Communication Standard)

SECTION 9

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & DESCRIPTION:

Clear Amber Liquid

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ODOR:

Light Surfactant Odor.

BASIC PHYSICAL PROPERTIES:

PHYSICAL STATE:	Liquid
FLASH POINT:	NONE
AUTO IGNITION:	NONE
BOILING POINT:	IBP > 275 ^o F IBP > 135 ^o C
SPECIFIC GRAVITY:	1.06 – 1.08 Water = 1.0
WATER SOLUBILITY:	Complete
PERCENT VOLATILES:	Not Determined
EVAPORATION RATE:	Not Determined Water = 1
pH:	≤ 2 undiluted

SECTION 10

STABILITY AND REACTIVITY

STABILITY AND REACTIVITY:

Stable under normal conditions, temperatures and pressures.

CONDITIONS TO AVOID:

Incompatible Materials

INCOMPATIBLE MATERIALS:

Strong oxidizers and strong bases.

HAZARDOUS DECOMPOSITION PRODUCTS:

Thermal combustion may produce oxides of carbon , oxides of phosphorus, and nitrogen if water is evaporated by heat of fire, and other asphyxiants.

HAZARDOUS POLYMERIZATION:

Hazardous polymerization has not been reported to occur under normal conditions. temperatures and pressures.

SECTION 11

TOXICOLOGICAL INFORMATION

IRRITATION DATA:

TOXICITY DATA:

EYE EFFECTS

CHRONIC EXPOSURE:
None Known

SKIN EFFECTS

CHRONIC EXPOSURE:
None Known

ORAL (INGESTION) EFFECTS

CHRONIC EXPOSURE:
None Known

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INHALATION EFFECTS

CHRONIC EXPOSURE:

None Known

SYSTEMIC (ORGAN) EFFECTS DATA:

Does Not contain component(s) which causes systemic effects in studies.

TERATOLOGY (BIRTH DEFECTS) DATA:

Does Not contain component(s) which causes birth defects in studies.

CARCINOGENIC EFFECTS

This product or any of the ingredients in this product is not listed as a potential carcinogen by the National Toxicology Program, by the I.A.R.C. monographs or by OSHA

SECTION 12

ECOLOGICAL INFORMATION

ENVIRONMENTAL IMPACT RATING (0-4):

No data available

ACUTE AQUATIC TOXICITY:

No data available

LOG BIOCENTRATION FACTOR (BCF):

No data available

LOG OCTANOL / WATER PARTITION COEFFICIENT:

No data available

SECTION 13

DISPOSAL CONSIDERATIONS

Observe and follow all federal, state, and local regulations.

SECTION 14

TRANSPORTATION INFORMATION

U.S DOT SHIPPING NAME:

Compounds, Cleaning Liquid
(Contains Phosphoric Acid)

U.S. DOT HAZARD CLASS:

8

U.S. DOT IDENTIFICATION NUMBER:

UN 1760

U.S. DOT PACKING GROUP NUMBER:

II

U.S. DOT EMERGENCY GUIDE NUMBER:

154

U.S. DOT LABELING REQUIREMENTS:

Corrosive

This product is regulated by DOT

49 CFR 172.101

SECTION 15

REGULATORY INFORMATION

U.S. FEDERAL REGULATORY INFORMATION:

SARA 302	(40CFR 355.3) Threshold Planning Quantity:	Not Applicable
SARA 304	(40CFR 355.40) Reportable Quantity:	5000 pounds of Phosphoric Acid
SARA 311	(40CFR 370.21) Categories:	
	Immediate (Acute) Health Effects:	Yes
	Delayed (Chronic) Health Effects:	No
	Fire Hazard:	No
	Sudden Release of Pressure Hazard:	No
	Reactivity Hazard:	No

SARA 313 (40CFR 372) Supplier Information:

No chemicals in this product exceed the De Minimus reporting level established by SARA Title III, Section 313 and 40CFR 372

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EPA Hazard Classification Code:

Not Applicable

EPA / TSCA Inventory:

No

The components of this product are not listed on the EPA / TSCA inventory of chemicals.

TSCA SECTION 103 (b) EXPORT NOTIFICATION:

Not Applicable

(CERLA) SECTION 103 (40CFR302.4) Comprehensive

No

Environmental Response, Compensation and Liability Act):

RQ: 5000 pounds of Phosphoric Acid

SECTION 16

OTHER INFORMATION

NFPA HAZARD RATING:

HEALTH: 2 Moderate **FIRE:** 0 Minimal

REACTIVITY: 1 Slight

SPECIFIC HAZARD: None

HAZARDOUS MATERIALS IDENTIFICATION LABELING (HMIS):

HEALTH: 2 Moderate **FIRE:** 0 Minimal

REACTIVITY: 0 Minimal

PERSONAL PROTECTION: C

The information contained in this Material Safety Data Sheet has been prepared based upon data believed to be reliable, an evaluation of the ingredients in the product, their concentration in the product and potential interactions. The information is offered in good faith and is believed to be reliable and reflects our best professional judgment. Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequence of its use. Each individual should make a determination as to the suitability of the information for his / her particular purpose(s). It is furnished to our customer who is urged to study it carefully to become aware of hazards, if any, in the storage, handling, use and disposal of the product; and to insure his employees are properly informed and advised of all safety precautions required. The information is furnished for compliance with the "Occupational Safety and Health Act" of 1970, the "Hazards Communication Act" of 1983 as well as various other Federal, State and Local regulations. Law prohibits use or dissemination of all or part of this information for any other purpose.