

Safety Data Sheet

Solution 2266SW

SECTION I - IDENTIFICATION



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Product Number 2266
Product Name Solution 2266SW
Chemical Family Cleaner/Iron Phosphate
CAS Number 7664-38-2
Date Prepared 7/22/2015
Revision Number

SECTION II - HAZARDOUS IDENTIFICATION

GHS CLASSIFICATION:

Classification

Corrosive to Metals	Category 1
Skin Corrosion/Irritation	Category 3
Sensitization, Skin	Category 1
Sensitization, Respiratory	Category 1

DANGER!

GHS LABEL:



Hazard Statements

H290	May be corrosive to metals
H316	Causes mild skin irritation
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.
P332+313	If skin irritation occurs: get medical advice/attention.
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	<10%	1 mg/m ³	1 mg/m ³

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:

- Keep containers tightly closed when not in use.
- Store out of direct sunlight and in a cool, well-ventilated area.
- 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.
- Avoid prolonged skin contact with product concentrate and solutions.
- Product is acidic. Avoid prolonged breathing of mist or vapor. Minimize skin contact. Wash exposed skin areas thoroughly after handling. "Empty" containers retain residue and/or vapor. Treat containers with same caution as when handling the contents. Keep containers tightly closed when not in use. When unloading bulk vehicles, personnel should wear chemical goggles and rubber or neoprene gloves. All fittings should be properly secured prior to energizing/unloading the system. Care should be taken to avoid acid contact when disconnecting lines/hoses after unloading.

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 ³	1 mg/m ³

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Engineering Controls:

Monitoring:

Personal Protective Equipment (PPE)

Eye Protection:

Skin Protection:

Respiratory Protection:

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear Light Yellow Liquid
Odor	Odor
pH@25°C	<3.5 Undiluted
Melting/Freezing Point	32°F
Flashpoint	NA
Specific Gravity	1.09
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
Strong oxidizing agents
Keep from freezing.

Hazardous Decomposition/Byproducts: None known

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Hazardous Polymerization:

Polymerization Conditions to Avoid:

Incompatibilities: Strong Oxidizers and bases

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/m ³

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:

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SECTION XIII - WASTE DISPOSAL CONSIDERATIONS

Observe and follow all federal, state and local regulations.

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:..... The components of this product are listed on the TSCA Inventory

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
N/A	N/A	N/A	N/A	X

SARA TITLE III SECTION 313 SUPPLIER INFORMATION:

Component Name	CAS #	% by wt.
	7664-38-2	<10%

CERCLA SECTION 102(a) HAZARDOUS SUBSTANCE:

Component Name	CAS #	% by wt.	RQ (lbs.)
Phosphoric Acid	7664-38-2	<10%	5,000

CALIFORNIA PROPOSITION 65:

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

SECTION XVI - OTHER INFORMATION

HMIS Health: 1

HMIS Flammability: 0

HMIS Reactivity: 0

Additional: The information contained in this SDS 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

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