

Safety Data Sheet

WinKote 2272

SECTION I - IDENTIFICATION



Win Solutions, Inc.

109 Pine Street

Lexa, AR 72355

(800) 489-0470

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

Product Number 2272
Product Name WinKote 2272
Chemical Family Iron Phosphate
CAS Number 7664-38-2
Date Prepared 7/2/2015
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 |

Safety Data Sheet

WinKote 2272

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.

Safety Data Sheet

WinKote 2272

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 ³ | 1 mg/m ³ |

Engineering Controls:

Monitoring:

Personal Protective Equipment (PPE)

Eye Protection:

Skin Protection:

Safety Data Sheet

WinKote 2272

Respiratory Protection:

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---------------------------|---------------------------|
| Appearance | Clear Light Yellow Liquid |
| Odor | Odor |
| pH@25°C | <3 Undiluted |
| Melting/Freezing Point | 32°F |
| Flashpoint | NA |
| Specific Gravity | 1.12 |
| 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

WinKote 2272

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 |

| 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.

SECTION XIV - TRANSPORT INFORMATION

DOT SHIPPING INFORMATION

Proper Shipping Name: Compounds, Cleaning, Liquid

Safety Data Sheet

WinKote 2272

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 |
|-------|---------|------|----------|----------|
| X | 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 offered in good faith and is believed to be reliable and reflects our best professional judgement. 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 purpose or for the consequence of its use. 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/her employee's are properly informed and advised of all safety precautions required. Use or dissemination of all or part of this information for any other purpose is prohibited by law.

Safety Data Sheet

WinKote 2272