

**Safety Data Sheet**  
**Dry Acid Scale Remover**

**SECTION I - IDENTIFICATION**

**PRODUCT NAME:** Dry Acid Scale Remover

**PRODUCT CODE:** p500

**PRODUCT USE:** Scale Remover

**COMPANY NAME:** QuestVapco Corporation

**COMPANY ADDRESS:** PO Box 624 Brenham, TX 77834

**COMPANY PHONE:** 1-800-231-0454

**EMERGENCY PHONE:** 800-255-3924

**SECTION II – HAZARDS IDENTIFICATION**

**CLASSIFICATION:** Skin Corrosive: Category 1C

Eye Damage: Category 1

Corrosive to Metals

**HAZARD STATEMENT(S): DANGER:** Causes Severe skin burns and eye damage. May be corrosive to metals.

This product contains the following percentage of chemicals of unknown toxicity: 4%

**PRECAUTIONARY STATEMENTS:** Do not breathe mists. Wash hands thoroughly after handling. Wear face shield, eye protection, protective gloves, and protective clothing. If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center or doctor. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Store locked up. Dispose of contents and container in accordance with local, state, and national regulations.



**SYMBOL:**

**HAZARDS NOT OTHERWISE CLASSIFIED:** N/A

**SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS**

<b>HAZARDOUS INGREDIENT</b>	<b>CAS NUMBER</b>	<b>PERCENT</b>
Sulfamic Acid	5329-14-6	60-100%

**SECTION IV - FIRST AID MEASURES**

**EYES:** If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

**INGESTION:** If swallowed: Rinse mouth. Do NOT induce vomiting. Get medical advice or attention.

**INHALATION:** If inhaled: Remove person to fresh air and keep comfortable for breathing.

**SKIN:** If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

**ACUTE HEALTH HAZARDS:** Causes severe burns.

**CHRONIC HEALTH HAZARDS:** Dermatitis may occur due to long-term irritation.

**NOTE TO PHYSICIAN:** The absence of visible signs or symptoms of burns does not reliably exclude the presence of actual tissue damage.

**SECTION V – FIRE-FIGHTING MEASURES**

**EXTINGUISHING MEDIA:** Use appropriate media for surrounding fire.

**UNSUITABLE EXTINGUISHING MEDIA:** N/A

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** N/A

**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of nitrogen and sulfur.

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**SECTION VI – ACCIDENTAL RELEASE MEASURES**

**PERSONAL PROTECTIVE EQUIPMENT:** Refer to section VIII for proper Personal Protective Equipment.

**SPILL:** Clean up with rag or use some non-combustible material like vermiculite, sand or earth.

**WASTE DISPOSAL:** Dispose of in accordance with federal, state, and local regulations. Do not reuse container and recycle or place in trash collection. Drums and pails should be offered for recycling.

**RCRA STATUS:** Waste likely considered hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

**SECTION VII – HANDLING AND STORAGE**

**HANDLING AND STORAGE:** Store in a cool, dry area, keep containers tightly closed and dry. Keep out of reach of children and do not store near food, drink, or animal food.

**OTHER PRECAUTIONS:** Keep out of the reach of children.

**INCOMPATIBILITY:** Strong alkalis

**SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION**

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Sulfamic Acid	Not Established	Not Established

**ENGINEERING CONTROLS / VENTILATION:** General ventilation recommended.

**RESPIRATORY PROTECTION:** Not required with adequate ventilation

**PERSONAL PROTECTIVE EQUIPMENT:** Face shield, Eye protection, Protective gloves, and Protective clothing

**ADDITIONAL MEASURES:** Wash hands immediately after use. Do not get on clothes or skin.

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** Off White Powder

**ODOR:** No distinct odor

**ODOR THRESHOLD:** N/D

**BOILING POINT:** N/D

**FREEZING POINT:** N/D

**FLAMMABILITY:** Not considered a flammable solid by OSHA (29CFR 1910.1200)

**FLASH POINT:** N/D

**AUTOIGNITION TEMPERATURE:** N/D

**LOWER FLAMMABILITY LIMIT:** N/D

**UPPER FLAMMABILITY LIMIT:** N/D

**VAPOR PRESSURE (mm Hg):** >18

**VAPOR DENSITY (AIR=1):** 1

**EVAPORATION RATE:** < 0.8 (Slow)

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** N/D

**pH:** N/A

**SOLIDS (%):** N/D

**SOLUBILITY IN WATER:** 100%

**PARTITION COEFFICIENT: n-OCTANOL/WATER (K<sub>ow</sub>):** N/D

**VOLATILITY INCLUDING WATER (%):** <1%

**VOLATILE ORGANIC COMPOUNDS (VOC):** 0%

**Dielectric Strength (Volts):** N/D

**DECOMPOSITION TEMPERATURE:** N/D

**VISCOOSITY:** N/D

**SECTION X – STABILITY AND REACTIVITY DATA**

**REACTIVITY:** Chemically active metals and acids

**CHEMICAL STABILITY:** Stable

**CONDITIONS TO AVOID:** Do not mix with strong acids.

**INCOMPATIBILITY:** Strong alkalis

# Safety Data Sheet

## Dry Acid Scale Remover

**HAZARDOUS DECOMPOSITION OR BY-PRODUCT:** Oxides of Nitrogen and Sulfur.

**POSSIBLE HAZARDOUS REACTIONS:** None Known

### SECTION XI – TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL INFORMATION:** Not Established

**ROUTES OF ENTRY:** Eyes, Ingestion, Inhalation, Skin

**EYES:** Causes severe irritation, burning, redness, tearing, pain, may cause lens or corneal damage.

**INGESTION:** Causes chemical burns, damage to mouth and esophagus with gastrointestinal irritation, nausea, vomiting.

**INHALATION:** Causes irritation to the respiratory tract, upper respiratory damage

**SKIN:** Causes burns to all living tissue.

**MEDICAL CONDITION AGGRAVATED:** May aggravate pre-existing medical conditions.

**ACUTE HEALTH HAZARDS:** Causes severe burns.

**CHRONIC HEALTH HAZARDS:** Dermatitis may occur due to long-term irritation.

**CARCINOGENICITY:** OSHA: No ACGIH: No NTP: No IARC: No **OTHER:** No

### SECTION XII – ECOLOGICAL INFORMATION

**ECOLOGICAL INFORMATION:** Not Established

**BIODEGRADABILITY:** This product is biodegradable.

**BIOACCUMULATION:** This product is not expected to bioaccumulate.

**SOIL MOBILITY:** This product is mobile in soil.

**OTHER ECOLOGICAL HAZARDS:** This material is toxic to aquatic life.

### SECTION XIII – DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:** Dispose of in accordance with federal, state, and local regulations. Do not reuse container and recycle or place in trash collection. Drums and pails should be offered for recycling.

**RCRA STATUS:** Waste likely considered hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

### SECTION XIV - TRANSPORTATION INFORMATION

**PROPER SHIPPING NAME:** For 10lb containers: Cleaning Compound, N.O.S.

For 50lb containers: Sulfamic Acid

**HAZARD CLASS/DIVISION:** 8

**UN/NA NUMBER:** UN 2967

**PACKAGING GROUP:** III

#### AIR SHIPMENT

**PROPER SHIPPING NAME:** For 10lb containers: Cleaning Compound, N.O.S.

For 50lb containers: Sulfamic Acid

**HAZARD CLASS/DIVISION:** 8

**UN/NA NUMBER:** UN2967

#### SHIPPING BY WATER:

#### VESSEL (IMO/IMDG)

**PROPER SHIPPING NAME:** For 10lb containers: Cleaning Compound, N.O.S.

For 50lb containers: Sulfamic Acid

**HAZARD CLASS/DIVISION:** 8

**UN/NA NUMBER:** UN 2967

**ENVIRONMENTAL HAZARDS WATER:** Marine Pollutant

### SECTION XV - REGULATORY INFORMATION

**TSCA STATUS:** All Chemicals are listed or exempt.

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** None

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**SARA 311/312 HAZARD CATEGORIES:** Acute Health

**SARA 313 REPORTABLE INGREDIENTS:** None

**STATE REGULATIONS:** California Proposition 65: None

**INTERNATIONAL REGULATIONS:** All components are listed or exempted.

**NFPA HEALTH:** 3

**HMIS HEALTH:** 3

**NFPA FLAMMABILITY:** 0

**HMIS FLAMMABILITY:** 0

**NFPA REACTIVITY:** 1

**HMIS REACTIVITY:** 1

**NFPA OTHER:** None

**HMIS PROTECTION:** D

**SECTION XVI - ADDITIONAL INFORMATION**

**PREPARATION BY:** Jonathon Jarvis

**DATE PREPARED:** 02/24/2014

**REVISION DATE:** 12/02/2014

N/A = Not Applicable; N/D = Not Determined

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