

Valcheck AMS + DRT



SAFETY DATA SHEET

VALCHECK® AMS + DRT

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Valcheck® AMS + DRT
CHEMICAL FAMILY: Water Conditioning Agent/Polymer
GENERIC NAME: Mixture
DISTRIBUTOR

Winfield Solutions, LLC
 P.O. Box 64589
 St. Paul, MN 55164-0589

24 HR. EMERGENCY TELEPHONE NUMBERS

Medical Emergency: 1-877-424-7452 (24 hrs)
 ChemTrec 1-800-424-9300 (transportation and spills)
 Non-Emergency Business Inquiries:
 1-855-494-6343 Mon – Fri 8am – 5pm (CST)

2. HAZARDS IDENTIFICATION

GHS

CLAS

SIFIC

ATIO

NS

Health

:

Acute Toxicity (Oral), Category 5, may be harmful if swallowed
 Acute Toxicity (Dermal), Category 5, may be harmful in contact with skin
 Skin Irritation, Category 3, causes mild skin irritation
 Eye Irritation, Category 2B, causes eye irritation
 Acute Inhalation, Category 5, may be harmful if inhaled.

GHS LABEL

No pictogram required

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H303: May be harmful if swallowed.
 H313: May be harmful in contact with skin.
 H316: Causes mild skin irritation.
 H319: Causes eye irritation.
 H333: (Cat 5) May be harmful if inhaled

PRECAUTIONARY STATEMENTS

Prevention:

P101: If medical advice is needed, have product container on label at hand.
 P102: Keep out of reach of children.

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P103: Read label before use.

P264: Wash hands, face and other affected areas thoroughly after handling.

P270: Do not eat, drink, or smoke when using this product.

P271: Use only outdoors or in a well-ventilated area.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

POTENTIAL HEALTH EFFECTS

EYES: Causes moderate eye irritation.

SKIN: Causes mild skin irritation

INGESTION: Ingestion may irritate the digestive tract.

INHALATION: Inhalation is not expected to be a route of entry that causes concern.

SENSITIZATION: Not a skin sensitizer

COMMENTS: KEEP OUT OF REACH OF CHILDREN.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Ammonium Sulfate solution and siloxane	85	Mixture
Acrylamide sodium acrylate linear copolymer blend	15	Mixture

4. FIRST AID MEASURES

EYES: Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

INGESTION: Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Have person sip a glass of water if able to swallow. Do not give anything by mouth to an unconscious person.

INHALATION: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

ADDITIONAL INFORMATION: Have the product container or label with you when calling a poison control center or doctor or going in for treatment. For emergency medical assistance call 1-877-424-7452.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Foam, dry chemical, carbon dioxide, water spray or fog.

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HAZARDOUS COMBUSTION PRODUCTS: Normal combustion forms carbon dioxide, water vapor and may produce oxides of carbon, nitrogen and phosphorous.

EXPLOSION HAZARDS: No specific explosion hazards are identified or expected.

FIRE FIGHTING PROCEDURES: Evacuate area and fight fire upwind a safe distance to avoid hazardous vapors and decomposition products. Fire exposed containers can build up pressure and should be kept cool with water spray if possible. Explosive vapor could form from ruptured containers. Dike and collect water used to fight fire to prevent environmental damage due to runoff. Foam or dry chemical fire extinguishing systems are preferred to prevent environmental damage from excessive water runoff.

FIRE FIGHTING EQUIPMENT: Wear firefighting gear appropriate for surrounding fire.

FIRE EXPLOSION: No specific explosion hazards are identified or expected.

HAZARDOUS DECOMPOSITION PRODUCTS: Toxic fumes may be emitted in a fire situation.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Pick up spilled liquid with absorbent material and sweep up for disposal. Place it and damaged unusable containers in a landfill appropriate for non-hazardous chemical waste. Check local, state, and federal regulations for proper disposal.

LARGE SPILL: Dike around the spill area to prevent spreading. Pick up spilled material with suitable absorbent material and place in appropriate container for disposal. Place it and unusable containers in a landfill appropriate for non-hazardous chemical waste. Check local, state, and federal regulations for proper disposal.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Do not contaminate any body of water.

LAND SPILL: Avoid runoff onto any adjacent land.

SPECIAL PROTECTIVE EQUIPMENT: Always wear proper protective equipment when handling this product.

HANDLING: Wash hands after handling, before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

STORAGE: If stored below freezing, shake well or recirculate before use. Store above 0°F. Keep containers tightly closed. Store in original container. Do not allow water or other chemicals to be introduced into contents of container. Do not contaminate water sources with equipment wash water, spray disposal wastes, or by cleaning of equipment. Do not store near feed or food products. Do not use or store near open flame.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear chemical goggles or shielded safety glasses when handling and mixing product.

SKIN: Wear protective clothing: long-sleeved shirt and long pants, shoes plus socks and chemical-resistant gloves. Always refer to the label of the pesticide(s) in the tank mix and follow the most restrictive requirements.

RESPIRATORY: Work in a well-ventilated area; exposure to airborne contaminants is not expected to cause concern.

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PROTECTIVE CLOTHING: Eye protection, long sleeved shirt and long pants, shoes plus socks and chemical resistant gloves. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR: Odorless

APPEARANCE: Liquid

COLOR: Colorless to slight yellow

pH: 5 to 7

PERCENT VOLATILE: 70

FLASH POINT AND METHOD: >100° C

VAPOR PRESSURE: Not Established

SOLUBILITY IN WATER: Soluble

EVAPORATION RATE: Not Established

DENSITY: 9.75 - 10.09 lbs/gal.

SPECIFIC GRAVITY: 1.15 to 1.25 g/mL

COMMENTS: These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable at ambient temperatures and atmospheric pressure.

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Combustion may yield carbon monoxide, carbon dioxide and other hazardous gases.

INCOMPATIBLE MATERIALS/CONDITIONS TO AVOID: Strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

ACUTE

DERMAL LD₅₀: >3,000 mg/kg (Rabbit)

ORAL LD₅₀: >3,000 mg/kg (Rat)

INHALATION LC₅₀: Not Established

EYE EFFECTS: Product is normally non-irritating but, may cause redness, tearing, and mild irritation.

SKIN EFFECTS: Product is normally non-irritating but, may cause more severe irritation such as local redness and swelling with prolonged exposure.

INHALATION: May irritate the respiratory tract and cause discomfort to nose and throat if exposed to mist.

INGESTION: Low toxicity but large quantities may cause abdominal irritation, nausea, vomiting and diarrhea. Do not taste or swallow product.

CHRONIC EXPOSURE: no data available

AGGRAVATION OF PRE-EXISTING CONDITIONS: no data available

SPECIFIC TARGET ORGAN TOXICITY –

SINGLE EXPOSURE: No data available

REPEATED EXPOURE: No data available

MUTAGENICITY: No data available

GERM CELL

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REPRODUCTIVE TOXICITY: No data available

ASPIRATION HAZARD: No data available

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Ecotoxicity information is not available. This product is not for use in aquatic settings.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Do not reuse product containers. Do not contaminate water, food, or feed by disposal. Triple rinse (or equivalent), then offer for recycling at an ACRC site (go to www.agrecycling.org for locations) or by reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by local, state, and federal regulations.

EMPTY CONTAINERS: Empty containers must be handled properly due to product residue.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PRIMARY HAZARD CLASS/DIVISION: Not regulated by DOT

UN/NA NUMBER: NA

PACKING GROUP: NA

REPORTABLE QUANTITY (RQ) UNDER CERCLA: Not Listed

PLACARDS: None

LABEL: None

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312: FIRE: No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No

313: REPORTABLE INGREDIENTS: Not Listed

302/304: Emergency Planning: Not listed

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT) CERCLA RQ:

Not Listed

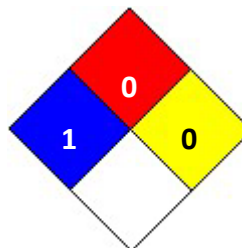
CALIFORNIA PROPOSITION 65: Not Listed, this product contains no chemicals known to the state of California to cause cancer or reproductive toxicity.

16. OTHER INFORMATION

REASON FOR ISSUE: New

PREPARED BY: Winfield Solutions, LLC

NFPA CODES



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GENERAL STATEMENTS: DISCLAIMER OF LIABILITY

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Date Issued : 2/14/23

Revisions Made: