

NFPA HAZARD RATING				U.S. TRANSPORT SUMMARY	
0	Least				
1	Slight	2	Health	Not Regulated for ground transportation by US DOT	
2	Moderate	1	Flammability		
3	High	0	Reactivity		
4	Severe				

SECTION 1: IDENTIFICATION	
Product Name:	VALCHECK COC
Common Name:	Agricultural Adjuvant
Chemical Description:	Agricultural Adjuvant
Recommended Uses:	Adjuvant – See product label for full directions for use.
Restrictions for Use:	See product label for any potential use restrictions
Manufactured For: WINFIELD SOLUTIONS, LLC P. O. Box 64589 St. Paul, MN 55164-0589	MEDICAL EMERGENCY TELEPHONE NUMBER: 1-877-424-7452 (24hrs) Non-Emergency Business Inquiries: 1-855-494-6343 Mon – Fri 8am – 5pm (Central Standard Time)
FOR EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT, CALL: CHEMTREC 1-800-424-9300 (24 hours)	

SECTION 2: HAZARDS IDENTIFICATION			
HEALTH EFFECTS:			
Eyes: Causes serious eye damage (Cat. 2b)			
Dermal: May be harmful in contact with skin (Cat 5)			
Inhalation: May be harmful if inhaled (Cat 5)			
Ingestion: May be harmful if swallowed (Cat 5)			
Skin Irritation: Causes mild skin irritation (Cat 3)			
Carcinogenicity	NTP: Not listed	IARC: Not listed	OSHA: Not listed
SIGNAL WORD: WARNING			
HAZARD STATEMENTS:			
KEEP OUT OF REACH OF CHILDREN			
Read label before use. Causes eye damage. Causes mild skin irritation. May be harmful if swallowed. May be harmful if in contact with skin or inhaled.			
PRECAUTIONARY STATEMENTS			
Wash thoroughly with soap and water after handling and before eating, drinking, using tobacco or using the toilet.			
Do not eat, drink, or smoke while using this product.			
Use only outdoors or in a well-ventilated area.			
Avoid release to the environment.			
PPE: Wear protective gloves, protective clothing, eye protection and face protection.			
Take off contaminated clothing and wash before reuse. Read and understand the entire Safety Data Sheet (SDS), Directions for Use, and Notice of Warranty before using this product.			

PRECAUTIONARY STATEMENTS

Prevention: **General:** If medical advice is needed, have product container or label at hand. Read label before use. Avoid breathing fumes, mist, vapors, or spray. Wash hands, face, and other affected areas thoroughly after handling. Do not eat, drink, or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves / protective clothing / eye protection / face protection. Avoid release to the environment.

Response: **IF SWALLOWED:** Call a POISON CENTER or doctor / physician / seek medical attention if you feel unwell. Rinse mouth.
IF ON SKIN: Call a POISON CENTER or doctor / physician / seek medical attention if you feel unwell. Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water.
IF SKIN IRRITATION OCCURS: get medical advice or attention.
IF INHALED: Call a POISON CENTER / doctor / seek medical attention if you feel unwell. Remove person to fresh air and keep comfortable for breathing.
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 / attention.

Storage: See Section 7 for storage information.
Disposal: See Section 13 for disposal information.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	% (wt)	CAS Reg. #
*Proprietary blend surfactants	17.0%	N/A
Paraffin oils	83.0%	8012-95-1
*Ingredients not specifically listed are non-hazardous and are considered to be confidential business information under 29 CFR 1910.1200(i).		
See Section 8 for exposure limits.		

SECTION 4: FIRST AID MEASURES

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

INGESTION: Call a poison control center or doctor immediately for treatment advice. Have the person rinse mouth with water. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

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

SKIN: Remove contaminated clothing. Rinse skin with plenty of soap and water for 15-20 minutes. Call a doctor /physician if irritation occurs.

SECTION 5: FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Use water spray, dry foam chemical, or carbon dioxide (CO₂)

SPECIAL FIRE FIGHTING PROCEDURES: Fight fire from a safe distance and protected location. Fight fire upwind to avoid hazardous vapors and decomposing products. Heat may build pressure and rupture closed containers, spreading fire and increasing the risk of injury. Use water spray/fog for cooling containers and firefighters. Notify proper authorities if liquid material enters the sewer or public waters.

FIRE FIGHTING EQUIPMENT: As with any fire, wear self-contained breathing apparatus pressure demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Environmental Precautions: Stop spill at source. Construct temporary dikes of dirt, sand, or appropriate readily available material to prevent spreading of material. Close cap or valves and/or block or plug hole in leaking container and transfer to another container. Keep from entering storm sewers and ditches which lead to waterways, and if necessary, call the local fire or police department for immediate assistance.

Methods for Containment and Clean up: Absorb spilled liquid with polypads or other absorbent materials. Clean up with non-combustible absorbent (such as sand or soil). Shovel up and place all spill residue in suitable containers. Use detergent if needed. Dispose of at an appropriate waste disposal facility according to current applicable laws and regulations and product characteristics at time of disposal.

Personal Protective Equipment: The proper personal protective equipment for incidental releases (such as 1 liter of product released in a well-ventilated area), use impermeable gloves, goggles, face shield, and appropriate body protection. In the event of a large release, use impermeable gloves, chemically resistant suit and boots, and hard hat. Self-Contained Breathing Apparatus or respirator may be required where engineering controls are not adequate or conditions for potential exposure exist. When respirators are required, select NIOSH/MSHA approved based on actual or potential airborne concentrations in accordance with the latest OSHA and/or ANSI recommendations.

Spill and Leak Response: Uncontrolled releases should be responded to by trained professionals using pre-planned procedures. Proper protective equipment should be used. In case of a spill, clear the affected area, protect people, and respond with trained personnel.

SECTION 7: HANDLING AND STORAGE

Handling: Follow all SDS / label precautions when using this product. Do not reuse the container.

Storage: Store in a cool, dry, well ventilated area. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

Other Precautions: Consult Federal, State and local laws and regulations pertaining to storage.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Component:	OSHA PEL	ACGIH TLV	NIOSH REL
		TLV-TWA 5mg/m ³	
		TLV-STEL 10mg/m ³	

Respiratory Protection: Avoid high concentrations of vapor and/or mist. Use local exhaust if available or use NIOSH/MSHA approved organic vapor respirator, as necessary.

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash station and safety shower.

Local Exhaust: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs or other specified exposure limits. A system of local and/or general exhaust may be necessary to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emission of the containment at its, preventing dispersion of it into the general work area. Please refer to the ACGIH document *Industrial Ventilation, A Manual of Recommended Practices*, a most recent edition, for details. Facilities storing or utilizing this material should be equipped with an eyewash station and safety shower.

Skin Protection: For brief contact, no precautions other than clean body-covering clothing should be needed. Use impervious gloves such as neoprene.

Eye Protection: Wear OSHA standard chemical splash goggles.

Other Protective Clothing or Equipment:

Work/Hygienic Practices: Never eat, drink, nor use tobacco in work areas. Practice good hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Specific Gravity (H₂O=1):	0.82 – 0.90 g/cm ³ (@25°C)
Vapor Pressure (mm Hg):	Not determined	Density (lbs/gallon):	6.8 – 7.5 lbs/gal
Vapor Density (Air=1):	Not determined	Melting Point/Freezing Point:	Not determined
Solubility in Water (wt %):	Soluble	Boiling Point/Range:	Not determined
Kinematic Viscosity:	80-90 (mm ² /s) at 40°C	pH: (0.1% aqueous solution)	5.5-8.0
Appearance and odor:	Clear, yellow, Mild aromatic	Flash Point:	>175°C

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: Stable at ambient temperatures and atmospheric pressure.

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Conditions to Avoid: Strong oxidizing agents. Isolate from open flames and heat.

Incompatible Materials: Not determined

Hazardous Decomposition Products: Combustion may yield carbon dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION**ACUTE TOXICITY:** Acute based on componentsOral LD₅₀ – Rat - >2,000 mg/kgDermal LD₅₀ – Rat - >2,000 mg/kgDermal LD₅₀ – Rabbit - >4,480 mg/kg**Eye Effects:** May cause irritation to eyes including redness, tearing, blurred vision and discomfort.**Skin Effects:** May cause irritation to the skin. Absorption through skin increases exposure. Prolonged exposure may cause more severe irritation such as local redness and swelling.**Acute Inhalation Effects:** May irritate the respiratory tract and cause discomfort to nose and throat.**Acute Oral Effects:** Swallowing can cause severe abdominal irritation, nausea, vomiting and diarrhea. Do not taste or swallow product.**Specific Target Organ Toxicity:** Single: No data available

Repeated: No data available

CHRONIC TOXICITY**Chronic Effects:** No data available**Carcinogenicity:** No data available**Mutagenicity:** No data available**Teratogenicity:** No data available**Reproductive Toxicity:** No data available**POTENTIAL HEALTH EFFECTS:****Eyes:** Cat 2b – Causes eye irritation**Dermal:** Cat 5 – May be harmful in contact with skin**Inhalation:** Cat 5 – May be harmful if inhaled**Ingestion:** Cat 5 – May be harmful if swallowed**Skin Irritation:** Cat 3 – Causes mild skin irritation**SECTION 12: ECOLOGICAL INFORMATION****ENVIRONMENTAL SUMMARY:**LC₅₀, 72 Hours – Algae - >1 mg/LEC₅₀, 48 Hours – Daphnia magna - >1 mg/LLC₅₀, 96 Hours – Fish - >1mg/L**ECOTOXICITY DATA:****Fish Acute and Prolonged Toxicity:** No data available**Aquatic Invertebrate Acute Toxicity:** No data available**Aquatic Plant Toxicity:** No data available**Bird Acute and Prolonged Toxicity:** No data available**Honeybee Toxicity:** No data available**ENVIRONMENTAL EFFECTS:****Soil Absorption/Mobility:** No data available**Persistence and degradability:** No data available**Bioaccumulative Potential:** No data available**Other adverse effects:** No data available**SECTION 13: DISPOSAL CONSIDERATIONS****Disposal Method:** Dispose of aqueous solutions, consultation with local treatment plant staff is recommended (and may be required by law) before disposal. For disposal of unused product, incinerate in a furnace where permitted under Federal, State and Local regulations. Do not contaminate water, food, or feed by disposal.**Product Disposal:** Disposal of contents/container must be in compliance with local, state and federal laws and regulations (contact local or state environmental agency for specific rules.)**Empty Container:** Empty containers should be recycled or disposed of through an approved waste management facility.**RCRA Characteristics:** It is the responsibility of the individual disposing of this product to determine the RCRA classification and hazard status of the waste.

SECTION 14: TRANSPORT INFORMATION

DOT: (Ground) Not regulated for US Transport

IMDG: (Sea) Not determined

IATA: (Air) Not determined

TDG: (Canada) Not determined

SECTION 15—REGULATORY INFORMATION

TSCA Inventory: All components are listed on the TSCA inventory.

SARA Title III Information:

Section 302/304 - Extremely hazardous substances: To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Section 311/312 – Hazard Categories: None

Section 313 – The following chemicals are subject to the reporting requirements of Section 313 of Title III, Superfund Amendments and Reauthorization Act of 1986 and 40 CFR 372:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

CERCLA - This product contains the following chemicals which have a reportable quantity (RQ) under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA):

No component reportable quantities could be met with any practical quantity of product.

California Proposition 65: This product contains no chemicals known to the State of California to cause cancer or reproductive toxicity.

U.S. State Worker and Community Right-To-Know (RTK) Information (CT, IL, MA, MN, NH, NJ, PA, RI):

Chemical Name	CAS #	State(s)

Canadian Domestic Substances List:

Chemical Name	CAS #
Not determined	

TRACE ELEMENTS: Trace ingredients (if any) are present in < 1% concentration (< 0.1% for potential carcinogens, reproductive toxins, respiratory tract mutagens, and sensitizers). None of the trace ingredients contribute a significant additional hazard at the concentrations that may be present in this product. All pertinent hazard information has been provided in this document, per the requirements of the Federal Occupational Safety and Health Administration Standard (29 CFR 1910.1200), US State equivalents, and Canadian Hazardous Material Identification System Standard (CPR 4).

WHMIS Classification: Not determined

SECTION 16—OTHER

Disclaimer: The information presented herein is based on available data from reliable sources and is correct to the best of WinField Solutions' knowledge. WinField Solutions, LLC makes no warranty, express nor implied, regarding the accuracy of the data or the results obtained from the use of this product. Nothing herein may be construed as recommending any practice or any product in violation of any law or regulations. The user is solely responsible for determining the suitability of any material or product for a specific purpose and for adopting any appropriate safety precautions. We disclaim all liability for injury or damage stemming from any improper use of the material or product described herein.

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