


NFPA HAZARD RATING				U.S. TRANSPORT SUMMARY	
0	Least				
1	Slight	1	Health		Not regulated by the U.S. Department of Transportation as a hazardous material. See Section 14 for full information.
2	Moderate	0	Flammability		
3	High	0	Reactivity		
4	Severe				

SECTION 1: IDENTIFICATION	
Product Name:	Aquiflo™ Plus
EPA Registration #:	Exempt
Product ID/Unity #:	1598206, 1598207
Common Name:	Agricultural surfactant
Chemical Description:	Soil Wetting Agent
Recommended Uses:	Surfactant – See product label for full directions for use.
Restrictions for Use:	See product label for any restrictions on use.
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			
EMERGENCY OVERVIEW: Causes skin irritation.			
POTENTIAL HEALTH EFFECTS: Skin: May cause irritation and reddening.			
Carcinogenicity	NTP: Not listed	IARC: Not listed	OSHA: Not listed
OSHA HCS 2012 CLASSIFICATION: Skin Irritation Category 2			
SIGNAL WORD: WARNING			
HAZARD STATEMENTS: Causes skin irritation.			
			
Percent of product with unknown toxicity: 0%			
PRECAUTIONARY STATEMENTS:			
Prevention:	Keep out of reach of children. Read label before use. Wear protective gloves/protective clothing/eye protection/face protection. Wash protective equipment and work clothes thoroughly after handling. If medical advice is needed, have product container or label at hand.		
Response:	If on skin: Wash affected area with plenty of water. Treat symptomatically. If skin irritation occurs: Get medical advice or attention. Take off contaminated clothing and wash it before reuse.		

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	% (wt)	CAS Reg. #
Primary Alcohol Ethoxylate Surfactant	2-10	Proprietary
Alkyl aryl Sulfonate	15-25	Proprietary

*Ingredients not specifically listed are non-hazardous and are considered to be confidential business information under 29 CFR 1910.1200(j).

See Section 8 for exposure limits.

SECTION 4: FIRST AID MEASURES

Ingestion: Rinse mouth. Have person sip a glass of water if able to swallow. Do NOT induce vomiting, unless told to by a poison control center or doctor. Do not give anything to an unconscious person.

Skin: Wash affected area with plenty of soap and water. Use tepid water if available. If skin irritation occurs: Get medical advice or attention. Treat symptomatically. Take off contaminated clothing and wash it before reuse.

Inhalation: Move person to fresh air. If person is having difficulty breathing, give oxygen. If not breathing, give artificial respiration. Get emergency medical help immediately.

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.

SECTION 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Water spray, foam, CO2, or dry chemicals may be used in areas where this product is stored.

Unsuitable Extinguishing Media: None known

Special Fire Fighting Procedures: Firefighters should wear NIOSH/MSHA Approved Self-Contained breathing apparatus and full protective clothing.

Hazardous Combustion Products: None known

Unusual Fire and Explosion Hazards: None known

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Evacuate the spill area, except for cleanup personnel. Wear personal protective equipment (PPE).

Environmental Precautions: Do not allow spilled product to enter sewers or waterways.

Methods for Containment: Control spill with adsorbent pads or booms.

Methods for Clean-up: Recover free liquid. For recovery or disposal, add inert absorbent (sand, earth, sawdust, etc.) to spill area and shovel into containers for disposal. Product is slippery under foot; flush smooth surfaces thoroughly. Dispose of collected waste in accordance with federal, state and local regulations.

Other Information: None known

SECTION 7: HANDLING AND STORAGE

Handling: Keep container sealed when not in use. Safety goggles with full-face shield and eyewash recommended. USDA-accepted Nitrile (CFR-20) or Neoprene Rubber (CFR-21) recommended. Wear appropriate clothing to prevent repeated or prolonged skin contact.

Storage: Product should be stored in a dry place. Do not store together with food, beverage and animal feed.

Minimum Storage Temperature: Not determined

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
No components have established limits			

Engineering Controls: **Local Exhaust:** Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs or other specified exposure limits. Local exhaust ventilation is preferred.

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Eye Protection: Wear splash-proof chemical safety goggles. Contact lenses should not be worn when working with chemicals.

Skin Protection: Wear chemically impervious gloves, long-sleeved shirt, pants, socks and shoes to minimize skin contact. As precautions, wash hands and face with mild soap and water before eating, drinking, smoking or using restroom. After each shift, clean all protective equipment, wash work clothes, and shower.

Inhalation Protection: Not required under normal use conditions with good ventilation. Protect against spray mists. Respirator recommended in areas of poor ventilation.

General Protection: Avoid contact with skin, eyes and clothing. Avoid breathing vapors. Wash thoroughly after handling product.

Other Protective Clothing or Equipment: Eye wash fountains and drench showers should be located within a 10 second walk from the work area per ANSI Z358.1-2009.

Personal Protection in Case of Large Spill: Splash goggles. Full suit. Boots, Gloves.

Work/Hygienic Practices: When selecting personal protective equipment and clothing, follow all of the manufacturer specifications and recommendations that apply to your specific operation and processing conditions. Take into consideration all working conditions and all chemicals to be handled or processed.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Relative Density:	1.0
Vapor Pressure (mm Hg):	Not determined	Density (lbs/gallon):	Not determined
Vapor Density (Air=1):	Not determined	Melting Point/Freezing Point:	Not determined
Solubility in Water (wt %):	Complete	Boiling Point/Range:	212°F
Viscosity:	Not determined	pH (neat):	4.5
Appearance and odor:	Clear blue colored liquid with product-specific odor.	Flash Point:	Not applicable

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: This product is stable under normal conditions.

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Conditions to Avoid: None known

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Burning may produce oxides of carbon and unidentified organic compound.

SECTION 11: TOXICOLOGICAL INFORMATION

No toxicological data is available for this product.

SECTION 12: ECOLOGICAL INFORMATION

No ecological data is available for this product.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Instructions: Recycle or rework material if at all possible. Incinerate material at an approved facility. Treat at an acceptable waste treatment facility or municipal waste treatment plant after proper testing and approval waste samples in compliance with applicable federal, state and local environmental regulations.

Container Reuse: An empty container can contain product residue, and should be not reused. If not professionally cleaned and reconditioned, crushing or other means is recommended to prevent unauthorized reuse.

RCRA Characteristics: It is the responsibility of the individual disposing of this product to determine the RCRA classification and hazard status of the waste. No EPA Waste Numbers are applicable for this product's components.

SECTION 14: TRANSPORT INFORMATION

DOT: This product is not regulated by the U.S. DOT as a hazardous material for ground transportation.
(Ground)

IMDG: Not determined
(Sea)

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IATA: (Air)	Not determined
TDG: (Canada)	Not determined

SECTION 15: REGULATORY INFORMATION							
<p>TSCA Inventory: All components are listed or are exempt from listing on the TSCA inventory.</p> <p>SARA Title III Information:</p> <p style="padding-left: 20px;">Section 302 - Extremely hazardous substances: None listed</p> <p style="padding-left: 20px;">Section 311/312 – Hazard Categories: None</p> <p style="padding-left: 20px;">Section 313 – Contains no Section 313 listed substances subject to reporting</p>							
<p>CERCLA - This product contains the following chemicals which have a reportable quantity (RQ) under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA):</p> <p style="padding-left: 20px;">None listed</p>							
<p>California Proposition 65: Not determined.</p>							
<p>U.S. State Worker and Community Right-To-Know (RTK) Information: Not determined.</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Chemical Name</th> <th style="text-align: left;">CAS #</th> <th style="text-align: left;">State(s)</th> </tr> </thead> <tbody> <tr> <td colspan="3">Canadian Domestic Substances List: Not determined</td> </tr> </tbody> </table>		Chemical Name	CAS #	State(s)	Canadian Domestic Substances List: Not determined		
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Canadian Domestic Substances List: Not determined							
<p>WHMIS Classification: Not determined.</p>							

SECTION 16: OTHER	
<p>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.</p>	
<p>Date: January 7, 2016 Supersedes document dated: NA - New Document</p> <p>Sections Revised: NA – New Document</p>	